Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.: ML 31013

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name: NA

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name: NA

b. Type of Well
Oil Well [X] Gas Well [X] Other Single Zone [ ] Multiple Zone [X]

8. ~~American Quasar + C+K, Eden State~~ et al

2. Name of Operator
American Quasar Petroleum Company

9. Well No.: 2-41 12-1

3. Address of Operator
204 Superior Building, Casper, WY 82601

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
763' FNL and 565' FEL NE NE

11. Sec., T., R., M., or Blk. and Survey or Area: 2-14N-6E

At proposed prod. zone Same
All perforations will be within a 200' radius of the center of NENE/4

14. Distance in miles and direction from nearest town or post office*
7 miles south of Pegram, Idaho

12. County or Parrish: Rich, Utah 13. State: Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 6,500'

16. No. of acres in lease: 2514.07

17. No. of acres assigned to this well: 160

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: 6,500'

19. Proposed depth: 16,800' Madison

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
7052' GR

22. Approx. date work will start*: October 20, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	98#	60'	Circulate to Surface
17-1/2"	13-3/8"	54.5#	1000'	Circulate to Surface
12-1/4"	9-5/8"	40 & 43.5#	8000'	750 Sx
8-1/2"	5-1/2"	17#	16800'	1000 Sx

Proposed operations:

Drill 17-1/2" hole to 1,000±', using native mud.
Run and cement 13-3/8" surface casing.
Nipple up 13-5/8" 5000 psi wp doublegate and singlegate hydraulic BOP and Hydril. Pressure-test stack.
Drill 12-1/4" and 8-1/2" hole to total depth with low solids non-dispersed mud sustem.
Run BHC Sonic-GR-Cal, DIL, CNL-FDC Logs.
Run production casing if required.

H_2S gas is expected at 10,000±'. On-site equipment and general practices as set forth by the Utah Department of Natural Resources for drilling will be implemented and adhered to so specified. A safety plan and equipment is attached.

RECEIVED
OCT 10 1979
DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
Signed John F. Sindelar wms Title Division Drlg. Supt. Date 10-5-79
John F. Sindelar

(This space for Federal or State office use)

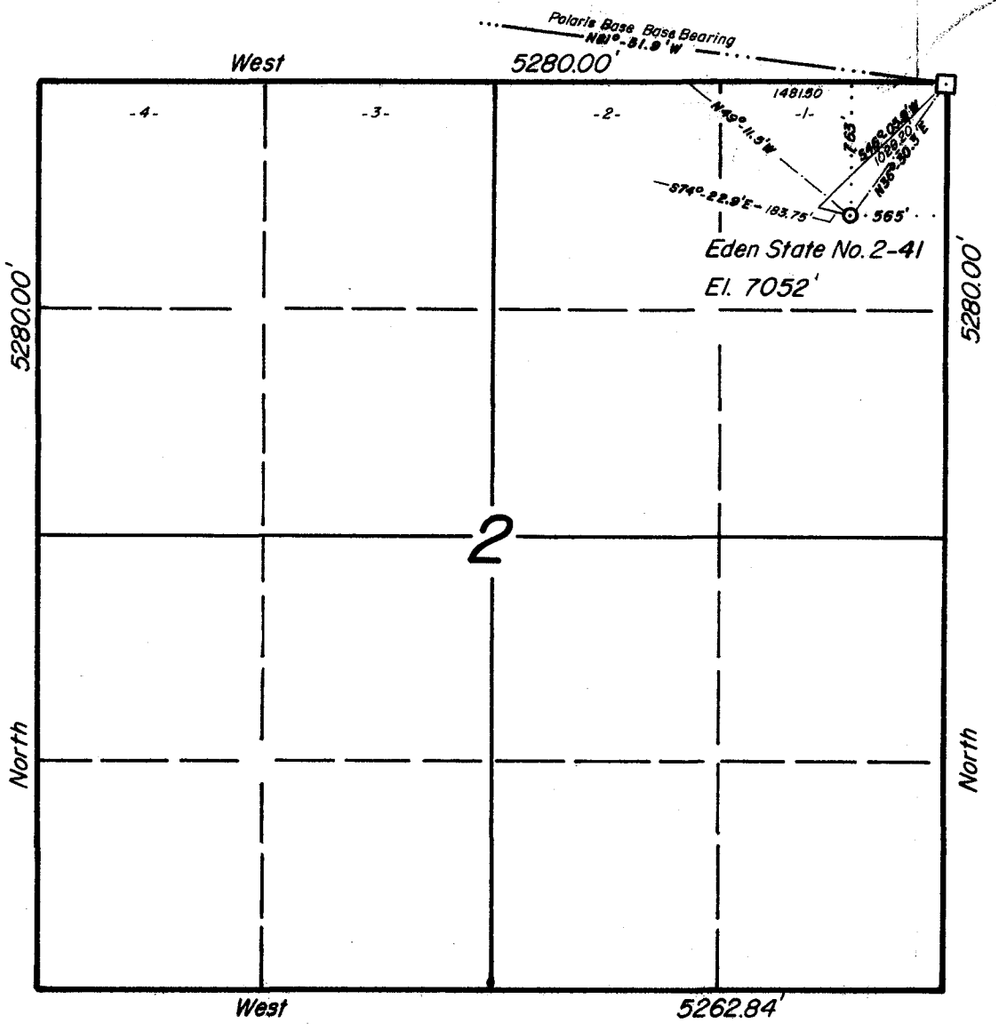
Permit No. ..... Approval Date .....

Approved by ..... Title ..... Date .....
Conditions of approval, if any:

22

*See Instructions On Reverse Side

T14N R6E



⊡ indicates a Certified Land Corner Recordation Certificate filed.

Elevation is based upon top of knoll in SW1/4SW1/4 of Section 36, T15N, R6E = 7203' natural ground from SHEEPEN CREEK UTAH QUADRANGLE MAP.

Reference: LC7 4-5
SURVEYOR SCHERBEL, LTD. — Big Piney, Wyoming 83113

CERTIFICATE OF SURVEYOR

State of Wyoming)
County of Sublette) ss. . .

I, Paul N. Scherbel of Big Piney, Wyoming hereby certify that this map was made from notes taken during an actual survey made by me or under my supervision, and that it correctly represents the location described thereon with the section dimensions of record on the official survey plat.

Land Surveyor — Registration No. 164
Date surveyed — 29 September 1979
Surveyed by — Scott A. Scherbel
Official plat used — Original Survey Plat of T14N, R6E

AMERICAN QUASAR PETROLEUM COMPANY

EDEN STATE NO. 2-41

LOT 1 (NE1/4NE1/4) SECTION 2 T14N R6E

RICH COUNTY, UTAH

Scale 1" = 1000'

I. GENERAL INFORMATION

H_2S and SO_2

Chemical Name: Hydrogen Sulfide

Common Name: Hydrogen Sulfide

Formula: H_2S

Properties and characteristics of H_2S:

1. Extremely toxic (poisonous)
2. It's physical state is a gas in normal air.
3. Heavier than air, and colorless. Specific gravity of 1.192.
4. Has odor of rotten eggs, in small concentrations.
5. Burns with a blue flame and produces sulphur dioxide (SO_2) gas, which is very irritating to eyes and lungs. The SO_2 is less toxic than H_2S, but can cause serious injury.
6. H_2S forms an explosive mixture, with air, between 5.9% and 27.2% by volume. H_2S is a flammable gas when it is mixed with air or oxygen in the right percentage.
7. H_2S is soluble in water but becomes less soluble as the water temperature increases.
8. H_2S is almost as toxic as hydrogen cyanide and is between 5 and 6 times as toxic as carbon monoxide.
9. Produces irritation to eyes, throat, and respiratory tract.
10. Dangerously reactive with strong or fuming nitric acid and oxidizing material. Turns carbon steel black.

TOXICITY OF HYDROGEN SULFIDE GAS

1,000 ppm = 1/10 of 1%	Unconscious at Once PERMANENT BRANIN DAMAGE MAY RESULT UNLESS RESCUED PROMPTLY
700 ppm = 7/100 of 1%	Breathing Wil Stop and Death Result if not Rescued Promptly. Immediate Artificial Resuscitation.
500 ppm = 5/100 of 1%	Loses Sense of Reasoning and Balance Respiratory Paralysis in 30 to 45 Minutes Needs Prompt Artificial Resuscitation. Will Become Unconscious Quickly (15 Minutes Maximum)
200 ppm = 2/100 of 1%	Kills Smell Shortly Stings Eyes and Throat
100 ppm - 1/100 of 1%	Kills Smell in 3 to 15 Minutes May sting Eyes and Throat
10 ppm - 1/1000 of 1%	Can Smell Safe for 8 Hours Exposure

THE BASIC HAZARDS OF POISONING BY INHALATION

1. The sense of smell cannot be depended upon to detect H_2S because:

   a. Sense of smell can be lost in 2 to 15 minutes of exposure to low concentrations, due to paralysis of the olfactory nerve.

   b. Sense of smell is lost in 60 seconds, or less, at higher concentrations.

2. Susceptibility to H_2S poisoning varies according to the number of exposures by an individual. A second exposure is more dangerous than the first, and so on.

3. Results of Inhalation

   a. Strangling may occur after a few seconds of exposure to high H_2S concentrations. This produces such symptoms as panting, pallor, cramps, paralysis of the pupil, and loss of speech. This is generally followed by immediate loss of consciousness.

   b. Death may occur quickly from respiratory and cardiac (heart) paralysis. One deep sniff of high concentration can cause death.

   c. Coughing, eye burning and pains, throat irritation, and sleepiness come from exposure to low concentrations.

Treatment

H_2S acts so quickly that there is often no time to call a doctor before beginning to revive the victim.

1. Remove the victim to fresh, pure air immediately. Remember to protect oneself in rescue. Keep victim warm and at rest.

2. If he is not breathing, begin applying artificial respiration at once. Exercise care due to possible lung congestion. Seconds count. Don't wait to get a resuscitator. Let someone else get it. When available and set up, use the resuscitator in place of artificial respiration. In acute poisoning, continous use of oxygen is of great value.

3. Call a doctor or take victim to a doctor as soon as possible.

When H_2S is burned in the air it changes its composition to form Sulfur Dioxide.

CHARACTERISTICS OF VAPOR SULFUR DIOXIDE:

1. Colorless.
2. Anhydrous sulfur dioxide is non-corrosive to steel or other commonly used metals.
3. The odor of SO_2 is pungent, gives ample warning of its presence.
4. Sulfur dioxide is not explosive or flammable.
5. The specific gravity is 1.363 at 80°F.

Sulfur dioxide gas is intensly irritating to the eyes, throat and upper respiratory system. Inhalation of this gas in concentration of 8 to 12 parts per million in air causes throat irritation, coughing, constriction of the chest, tearing and smarting of the eyes. 150 parts per million is so extremely irritating that it can be endured for only a few minutes.

If there is an occasion where you would encounter SO_2 in high concentration you should have a self contained breathing unit. Rubber glasses for your eyes and tight woven clothing to cover your skin.

THRESHOLD LIMIT VALUES

Threshold Limit Values (abbreviated as TLV) is airborne concentrations of substances and represents the condition under which it is believed that nearly all workers may be repeatedly exposed, day after day, without adverse effects. Because of wide variations in individual susceptibility, exposure of an occasional individual at, or even below, the threshold limit may not prevent discomfort, aggravation of a pre-existing condition, or, occupational illness.[1] The TLV may be a time weight average figure which would be acceptable for an eight (8) hour exposure.

The TLV for Hydrogen Sulfide[2] is .10 part per million (ppm).

To summarize the above, a man can work in .10 ppm, or less, of hydrogen sulfide for eight (8) hours without affecting his health.

1 Accident Prevention Manual for Industrial Operations, 6th Edition, National Safety Council, Chicago, Illinois, page 1308.

2 Supervisor's Safety Manual, National Safety Council, Chicago, Illinois page 143.

II. SAFETY PROCEDURES, EQUIPMENT AND TRAINING

The location has been planned so as to obtain the maximum safety benefits consistent with the rig configuration, well depth, terrain, prevailing winds, etc. In setting up the drill site, the following will be achieved in order to prevent having to relocate equipment:

1. The drilling rig will be situated on the location so that prevailing winds blow from the rig toward the reserve pits.

2. The location will be larger than usual so as to accomplish each job safely, i.e., large reserve pits, ample pipe racking, turn-around area, and clear space around the rig.

3. Three cleared areas at least 225' from the BOP's will be designated as briefing areas. The most upwind of these areas will always be designated as the "Safe Briefing Area." Gas protection equipment must be maintained in each briefing area as it would not be possible to move it from area to area under H_2S emergency conditions. During an emergency, personnel will assemble at this upwind area for instructions from their supervisor.

4. At least three (3) sets of wind streamers, on streamer poles, will be located so as to give wind directions at treetop level, at draw works level, and one at a level of eight feet above the ground.

5. All wind streamers will be illuminated at night.

6. Logging units will be located so as to be at least 150 feet from the BOP area to eliminate congestion and for the safety of the logging operator.

7. Mud tanks will be located away from the substructure in order to facilitate the movement of fresh air around the cellar areas.

8. Electric power generators will be located at least 150 feet from the BOP's to reduce the hazard of explosion.

9. All electric wiring, devices, and lights will be checked and put in vapor-tight condition so as to reduce the possibility of explosion. Heater used on the rig floor and in the doghouse will be of the flameproof type and will be turned off after H_2S gas is first encountered.

10. All windbreakers and rig curtains will be taken down when drilling approaches the sour gas production zones.

11. Telephone or radio communications will be available at the rig.

12. Three bug blowers will be available for use:

    a. One blowing across the cellar area toward the pits.

    b. One blowing across the rotary table.

    c. One on the derrick work board so as to move possible gas fumes from the derrickman.

13. A map will be obtained showing all buildings within a 3-mile radius of the well site. All occupied buildings will be marked on the maps with the number of people usually occupying each building. Names will be listed and contact will be made, after drilling begins, explaining the hazard and that evacuation might be necessary if an emergency develops. The fact that you have a heavy wooded section behind you does not mean that there may not be homes, livestock, or possibly a school only a short distance away.

14. Well planning will include the use of inhibitors in the drilling mud such as copper carbonate, etc., to reduce the reaction by the hydrogen sulfide on the drill string, fluid end of pumps, chokes, and piping. Inhibitors also reduce the amount of hydrogen sulfide that gets to the surface, reducing the odor and the offensiveness, making it possible for the crews to work more efficiently without pressure demand protective breathing device. Such jobs as laying out a core or other hazardous tasks call for the use of pressure demand protective breathing device even though hydrogen sulfide odors at the surface have not been noticed.

15. When pressure demand protective breathing devices are worn, additional help such as roustabouts will be used so the men can work in pairs using the buddy system. This is necessary in heavy gas concentrations, where a man may be overcome and nobody would know it. Recovery must be made in a short period or a man will suffer after effects.

16. Civil authorities, ambulance, hospital and doctors will be contacted after drilling begins to let them know of the hazard and what actions they could expect should an emergency develop. Most doctors have not treated H_2S gas cases and on the initial visit you will give the doctor all the information on this gas that you have.

17. Men whose eardrums have punctured will not be allowed to work on the rig when an H_2S zone is to be penetrated. Check on your men. Physicals should cover this.

18. A kill line of ample strength will be laid to a safe point so men and equipment can set up to pump into the well if necessary.

19. Burn pits will be located opposing each other so a change in wind direction will reduce the hazard by changing flow from one pit to the other. This gas seeks low areas.

20. Livestock will be moved out of pastures in the hazardous zone as they are quickly overcome by poisonous gas. Burning H_2S gas into SO_2 results in the heat from the fire elevating the gasses where they are mixed with a larger volume of air as well as converting the highly toxic H_2S into less toxic SO_2 and then diluting the concentration of SO_2. Thus it can be seen why it is important to burn H_2S gas rather than to let blow wild into the atmosphere.

Company will provide the following:

A training program for their personnel instructing them in how to deal with H_2S and the techniques and equipment used in protecting themselves. Company personnel and service personnel are welcome to attend this program.

1 - Air station (Cabinet for Air Packs)

3 - 300 cu. ft. air bottles (recharging system)

1 - Manifold and air gauge for recharging system

8 - 30-minute Scott Air Packs or equivalent (enough for all members of the crew)

5 - Self-contained escape units on rig floor within one breath's distance for all crew members

1 - Self-contained escape unit in derrick for derrickman

5 - Self-contained escape units at other locations on rig where workmen may congregate

1 - H_2S bulb tester

3 - Spare 30-minute Scott Air Pack cylinders

3 - Bug blowers

2 - Safety belts with 100' lines

1 - Resuscitator with 1 spare cylinder

1 - Stretcher

1 - Blanket

1 - 24-unit first aid kit

1 - Treated BOP with first valve off BOP H_2S treated

Drilling company personnel will have physicals to assure that they are capable of wearing air packs and do not have punctured ear drums.

The operator or oil company will provide the following items:

Poison gas signs around the location

Contingency plan to cope with emergencies that may occur involving injuries to employees or general public.

Map of location with radius showing 1, 2, and 3 mile circles.

Emergency evacuation plan

Emergency telephone list showing:

Medical personnel facility
Available fire fighting equipment and personnel
Government agency to notify in case of emergency
Service company

Threshold level sign at entrance to location

2 - Red flags

2 - Yellow flags

Gates should be provided at each entrance of location with capabilities of being locked.

2 - Exits from location

3 - Cleared briefing areas at least 250' from BOP

3 - Wind streamers or wind socks

Logging unit should be at least 150' from well bore.

Mud tank should be placed in order to permit movement of fresh air through sub-structure.

Intercom system between Company man or Toolpusher, rig floor and logging unit.

24 hour manned H_2S detector placed in mud logging unit or Company man's trailer.

30 minute air packs for company personnel

Air packs for logging unit personnel

2 - Flashing red lights (similar to ones used on police cars) to be activated by H_2S detector. One in derrick and one in vicinity of logging unit.

1 - siren activated by H_2S detector. Should produce sound above 120 decibels.

2 - Flare lines at opposite directions from each other.

1 - Flare gun with 3 flares

Proper inhibitor mud to protect drill pipe

H_2S bulb tester with sufficient supply of tubes

2 dozen H_2S ampules for personnel use to detect H_2S

6 - 300 cu. ft. air cylinders for recharging

1 - Resuscitator and spare cylinder if 3 or more company personnel will be on location

Each company representative who will be on location when H_2S is encountered should have a physical indicating that he is capable of wearing an air pack and does not have punctured ear drums.

PLACEMENT OF AIR BREATHING EQUIPMENT

H_2S personnel protective breathing equipment should be located in the following areas:

2 - Long duration escape units on the rig floor.

1 - Long duration escape unit in derrick.

1 - Escape unit on mud or shale shaker unit.

1 - Long duration escape unit or 30 minute air pack in mud logging unit.

1 - 30 minute air pack in toolpushers trailer.

1 - 30 minute air pack in company man trailer.

1 - Escape unit in toolpushers car.

2 - Briefing areas with adequate air packs for all rig personnel.

III. RESPONSIBILITIES AND DUTIES OF PERSONNEL

A. American Quasar Petroleum Co. Drilling Foreman:

1) It is the responsibility of the drilling foreman to ensure that all personnel are properly trained on how to deal with H_2S. Normally, Safety Compliance Rental, Inc. is the company used to supply the necessary H_2S equipment and to train the rig personnel prior to drilling into possible H_2S zones.

2) It is the responsibility of the drilling foreman to ensure that all required H_2S equipment is on location and all required procedures are followed.

3) It is the responsibility of the drilling foreman to supervise all activities in case of an H_2S gas release. He will ensure that, the proper respiratory equipment is put in use by all rig personnel, the well is completely shut in, further H_2S gas release is prevented, and evacuation of the surrounding areas is completed as soon as possible.

B. Drilling Company's Tool Pusher:

It is the responsibility of the tool pusher to do the following in case of an H2S gas alarm:

1) Don his air pack.

2) Investigate to see that the crew members have on protective equipment or are in the proper areas.

3) Notify the American Quasar Petroleum Co. drilling foreman of the H_2S condition.

4) Contact the driller to ensure that the well is closed in completely.

5) Work in liason with the company representative.

C. Driller:

It is the responsibility of the driller to do the following in case of an H_2S gas alarm:

1) Don his air pack.

2) Stop rotary table.

3) Pick bit up off bottom.

4) Shut off mud pump.

5) Close B.O.P.

6) Observe and note standpipe and check manifold pressure.

7) Notify company man and tool pusher of your actions and wait for instructions.

D. All Other Rig Personnel:

When the signal is given that Hydrogen sulfide is present on location, all other rig personnel should follow these procedures:

1) Stop and think.

2) Observe which way the wind is blowing.

3) Always move up wind to your respective air station.

4) Don your air pack, and stay together.

5) Stay at air station for instructions from company man, tool pusher, or driller.

IV. DESIGNATED BRIEFING AREAS

V. EVACUATION

Evacuation

The area within a three-mile radius is shown on the county road map on the following page. Due to high pressure dispersion, except on the dead calm day with a tremendous release of heavily concentrated vapors, the probability of lethal concentrations of hydrogen sulfide beyond a one-mile radius is very unlikely. Prevailing wind is shown on the map.

A reconnaissance of the area will be made prior to drilling into the possible H2S zone, and the map will be noted to show location of any people and/or animals in the area who might need to be warned and/or evacuated in a crisis situation.

Presently, the only likely area for people within a 3-mile radius is on the access road to the location from Cokeville, Wyoming to the east and from Pegram, Idaho to the north. There are no people living within the area. Prior to drilling into the H2S zone, signs will be posted 1 mile east and 1 mile west of the access road warning people of the possibility of danger due to H2S gas and that in an extreme situation they may have to be evacuated out of the area. Caution will be taken not to overly alarm these people. Any people already present in the area will also be notified of the possible dangers by the Drilling Foreman.

The owners of any cattle or sheep in the area will be notified of the possible H2S danger to their cattle or sheep prior to drilling into the H2S zone. If possible, these animals will be moved out of the area, thus avoiding the possibility of an emergency evacuation later on.

The American Quasar Petroleum Co. Drilling Foreman will be responsible for organizing the evacuation of any people and/or animals as quickly as possible in case of an emergency situation arises. All rig personnel will assist him in securing the safely of any people and/or animals in the area.

VI. AGENCIES TO BE NOTIFIED IN CASE OF H_2S EMERGENCY

The following Agencies will be notified in case of an H_2S emergency:

Agency	Telephone No.
1. Bureau of Land Management (Nearest office) Soda Springs, Idaho (Bob Randolph) (Marvin Bagley)	(208) 547-2161
2. Utah Dept. Natural Resources Division of Oil, Gas and Mining Salt Lake City, Utah (Cleon B. Feight) (Patrick L. Driscoll)	(801) 533-5771
3. Rich County Sheriff Rich County Nurse	(801) 793-3775 (801) 793-2441
4. Utah Highway Patrol	(801) 289-3122

These telephone numbers are the nearest to this location to contact to obtain immediate help:

U.S. Geological Survey Bakersfield, California (Jay Wagner - District Engineer) (Forest Gray - Drilling Engineer)	(805) 861-4186
Idaho State Police Pocatello, Idaho Boise, Idaho	(208) 232-1426 (208) 384-3850
Bear Lake County Sheriff Paris, Idaho	(208) 945-2121
Idaho Fish and Game Dept. Boise, Idaho	(208) 384-3700
Oil and Gas Conservation Commission Boise, Idaho	(208) 384-3280
Idaho State Civil Defense Boise, Idaho	(208) 384-3460

Following are the medical personnel and facilities closest to the well site. These telephone numbers and addresses will be prominently displayed at strategic points on the drilling location:

Medical Clinic Montpelier, Idaho	(208) 847-1630

VII. MEDICAL PERSONNEL AND FACILITIES

PROPOSED

NOTICE TO LESSEES AND OPERATORS OF
FEDERAL AND INDIAN ONSHORE OIL AND GAS LEASES

(NTL-10)

HYDROGEN SULFIDE OPERATIONS

This notice is issued pursuant to the authority prescribed in 30 CFR 221.5, 221.9, and 221.18. Lessees and operators of onshore Federal and Indian (except Osage) oil and gas leases or of fee and state oil and gas leases committed to federally supervised cooperative agreements concerned with oil and gas operations shall comply with the following requirements for conducting operations involving sour oil or gas. Approval of operations shall be obtained from either the District Engineer for oil and gas or the Area Oil and Gas Supervisor as appropriate. In general, any applications hereunder should be filed with the same office with which Applications for Permit to Drill or Sundry Notices are filed. The requirements of this Notice will be administered by the Oil and Gas District Engineers except in Alaska where administration will be handled by the Area Oil and Gas Supervisor.

This Notice will be effective whenever drilling, workover, producing, injection, gathering, transportation, storage, and processing of hydrocarbons related to field operations may reasonably be expected to cause concentrations of hydrogen sulfide (H_2S) gas to escape to the ambient air in excess of 10 ppm (0.65 grains/100 std. cu. ft.). Each application to conduct such operations must fully describe the manner in which requirements of this Notice will be implemented. Existing facilities not now meeting the requirements of this Notice must be brought up to conformance standards within 90 days of the effective date of this Notice.

All drilling wells shall have the hydrogen sulfide (H_2S) monitoring equipment installed as detailed below, except when drilling in areas known to be free of H_2S. Upon encountering H_2S, the safety requirements shall be implemented to protect personnel from the toxic effect of the gas. When the H_2S concentration increases to 20 ppm, the remainder of the requirements shall be implemented to control the corrosive effects of H_2S on the drilling equipment. Alternative equipment or procedures that achieve the same or greater levels of safety may be approved by the District Engineer. When sulphur dioxide (SO_2), a product of combustion of H_2S, is present, the procedures outlined in the approved contingency plan required by this Notice shall be followed.

The precautions outlined in American Petroleum Institute recommend practice for Safe Drilling of Wells Containing Hydrogen Sulfide (API RP 49) are supplemental to the requirements of this Notice. Nothing contained in this Notice is intended to supersede any applicable State or Federal requirements which may be more stringent.

I. Drilling and Workover Operations

For wildcat or exploratory wells, all safety equipment shall be installed and operative and safety procedures completely implemented immediately after setting of the intermediate casing string. For wells where H_2S will be encountered in known reservoirs, all safety equipment shall be installed and operative and safety procedures completely implemented when drilling has reached a depth approximately 1500 feet above the reservoir.

All locations should be planned so as to obtain the maximum safety benefits consistent with the rig configuration, well depth, terrain, prevailing winds, etc. Note on map, the locations of houses, schools, roads, recreational areas, and other places within a three mile redias of the location where people may be present. The drilling rig should be situated so that prevailing winds blow across the rig toward the reserve pit. Where possible, two entry roads should be established, one at each end of the location or as prevailing winds dictate. Mud tanks should be located away from the derrick floor and monkey board when drilling approaches any zone which may contain Hydrogen Sulfide.

A. Personnel Safety and Protection

All personnel shall undergo an eardrum examination before assignment to H_2S prone areas. Personnel with perforated eardrums shall be prohibited from working in an H_2S environment.

(1) Training program

(a) All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, shall be informed as to the hazards of H_2S and SO_2. They shall also be instructed in the proper use of personnel safety equipment which they may be required to use, informed on H_2S detectors and alarms, ventilation equipment, prevailing winds, briefing areas, warning systems, and evacuation procedures.

(b) Information relating to these safety measures shall be prominently posted on the drilling facility.

(c) To promote efficient safety procedures, an on-site H_2S safety program, which includes a weekly drill and training session, shall be maintained on the drilling facility.

(d) All personnel in the working crew shall have been indoctrinated in basic first aid procedures applicable to victims of H_2S exposure.

During subsequent on-site training sessions and drills, emphasis shall be placed upon rescue and first aid for H_2S victims. Each drilling facility shall have the following equipment, and each crew member shall be thoroughly familiar with the location and use of these items:

(i) A first-aid kit approved by the District Engineer and sized for the normal working number of personnel.

(ii) Resuscitators, complete with face masks, oxyen bottles, and spare oxygen bottles.

(iii) A stokes litter or equivalent.

(e) One person, who regularly performs duties on the drilling facilitiy, shall be responsible for the overall operation of the on-site safety and training program.

(2) Visible warning system

Wind-direction equipment shall be installed at prominent locations to indicate to all personnel, on or in the immediate vicinity of the facility, the wind direction at all times for determining safe upwind areas in the event that H_2S or SO_2 is present in the atmosphere. Operational danger signs shall be displayed on each side of the drilling rig, and a number of rectangular red flags shall be hoisted in a manner visible to personnel. Each sign shall have a minimum width of eight feet and a minimum height of four feet, and shall be painted a high-visibility yellow color with black lettering of a minimum of 12 inches in height, indicating:

"DANGER--HYDROGEN SULFIDE--H_2S"

Each flag shall be of minimum width of three feet and a minimum height of two feet. All signs and flags shall be illuminated under conditions of poor visibility and at night when in use. These signs shall indicate the following operational conditions and requirements:

(a) Moderate danger. When the threshold limit value of H_2S (10 parts per million) is reached, the signs will be displayed. If the concentration of H_2S reaches 20 parts per million, protective-breathing apparatus shall be worn by all working personnel, and all nonworking personnel shall proceed to the safe briefing areas.

(b) Extreme danger. When H_2S is determined to have reached the injurious level (50 parts per million), the flags shall be hoisted in addition to the displayed signs. All nonessential personnel or all personnel, as appropriate, shall be evacuated at this time.

(3) Contingency plan

A contingency plan, providing details of action to alert and protect the public in the evernt of an accidental release of H_2S, shall be developed prior to the commencement of operations. The plan shall include the following:

(a) General information and physiological responses to H_2S and SO_2 exposure.

(b) Safety procedures, equipment, training, and smoking rules.

(c) Procedures for operating conditions.

(i) Moderate danger to life.

(ii) Extreme danger to life.

(d) Responsibilities and duties of personnel for each operating condition.

(e) Designation of briefing areas as locations for assembly of personnel during Extreme Danger condition. At least two briefing areas shall be established on each drilling facility. Of these two areas, the one upwind at any given time is the safe briefing area.

(f) Evacuation plan.

(g) Agencies to be notified in case of an emergency.

(h) A list of medical personnel and facilities, including addresses and telephone numbers.

(4) H_2S detection and monitoring equipment

Each facility shall have an H_2S detection and monitoring system which activates audible and visible alarms before the concentration of H_2S exceeds its threshold limit value of ten parts per million in air. This equipment shall be capable of sensing a minimum of five parts per million H_2S in air, with sensing points located, as examples, at the bell nipple, shale shaker, mud pits, driller's stand, living quarters, and other areas where H_2S might accumulate in hazardous quantities. H_2S detection ampules shall be available for use by all working personnel. After H_2S has been initially detected by any device, frequent inspections of all areas of poor ventilation shall be made with a portable H_2S-detector instrument.

(5) Personnel protective equipment

(a) All personnel on a facility shall be equipped with proper personnel protective-breathing apparatus. The protective-breathing apparatus used in an H_2S environment shall consist of pressure demand type apparatus supplying breathing quality air while maintaining a slight pressure inside the system which conforms to all applicable Occupational Safety and Health Administration regulations and American National Standards institute standards. Optional equipment such as nose cups and spectacle kits, shall be available for use as needed.

(b) The storage location of protective-breathing apparatus shall be such that they are quickly and easily available for drilling and workover operations, shall include the following:

(i) Rig floor.

(ii) Any working area above the rig floor.

(iii) Mud-logging facility.

(iv) Shale-shaker area.

(v) Mud pit area.

(vi) Mud storage area.

(vii) Pump rooms (mud and cement).

(viii) Crew doghouses.

(ix) Each briefing area.

(c) A system of breathing-air manifolds, hoses, and masks shall be provided on the facility and in the briefing area. A cascade air-bottle system shall be provided to refill individual protective-breathing apparatus bottles. The cascade air-bottle system may be recharged by a high-pressure compressor suitable for providing breathing-quality air: Provided, the compressor suction is located in an uncontaminated atmosphere. All breathing-air-bottles shall be labeled as containing breathing-quality air fit for human usage.

(d) The following additional personnel safety equipment shall be available for use as needed:

(i) Portable H_2S detectors.

(ii) Retrieval ropes with safety harnesses to retrieve incapacitated personnel from contaminated areas.

(iii) Chalk boards and note pads located on the rig floor, in the shale-shaker area, and in the cement pump rooms for communication purposes.

(iv) Bull horns and flashing lights.

(v) Resuscitators.

(6) Ventilation equipment

All ventilation devices shall be explosion-proof and situated in areas where H_2S or SO_2 may accumulate. Movable ventilation devices shall be provided in work areas and be multi-directional and capable of dispersing H_2S or SO_2 vapors away from working personnel.

(7) Notification of regulatory agencies

In the event that H_2S is encountered during drilling operations, the appropriate Area Oil and Gas Supervisor or District Engineer shall be promptly notified of: the location, the concentration of H_2S, the depth or circumstances under which it was encountered, and any other pertinent information.

The following agencies shall be immediately notified whenever moderate or extreme operational conditions exist:

(a) U.S. Geological Survey.

(b) EPA and surface management agency.

(c) Appropriate state agencies.

B. Mud program

(1) Either water- or oil-base muds are suitable for use

(2) A pH of 10.0 or above shall be maintained in a water-base mud system to control corrosion and prevent sulfide stress cracking.

(3) Consideration shall also be given to the use of H_2S scavengers in both water- and oil-base mud systems.

(4) Sufficient quantities of additives shall be maintained on location for addition to the mud system as needed to neutralize H_2S absorbed by the system when drilling in formations containing H_2S.

(5) The application of corrosion inhibitors to the drill pipe to afford a protective coating or their addition to the mud system may be used as an additional safeguard to the normal protection of the metal by pH control and the scavengers mentioned above.

(6) Drilling mud containing H_2S gas shall be degassed at the optimum location for the particular rig configuration employed. The gases so removed shall be piped into a closed flare system and burned at a suitable remote stack.

(7) The mud should be maintained in an overbalanced condition to preclude the entry of formation fluids, containing H_2S, into the wellbore.

C. General operations

All personnel in the working area shall utilize H_2S protective-breathing apparatus when required, as specified in paragraph I.(2). The normal fixed-point monitor system outlined in paragraph I.(4) may be supplemented with portable H_2S detectors as conditions warrant.

(1) Drill string trips of fishing operations.

Every effort shall be made to pull a dry drill string while maintaining well control. If it is necessary to pull the drill string wet after penetration of H_2S bearing zones, increased monitoring of the working area shall be provided and protective-breathing apparatus shall be worn under conditions as outlined in paragraph I.(2)(a).

(2) Circulating bottoms-up from a drilling break, cementing operations, logging operations, or well circulation while not drilling.

After penetration of an H_2S-bearing zone increased monitoring of the working area shall be provided and protective-breathing apparatus shall be worn by those personnel in working area at least 15 minutes before bottoms-up after a trip.

(3) Coring operations in H_2S-Bearing Zones.

Personnel protective-breathing apparatus shall be worn 10-20 stands in advance of retrieving the core barrel. Cores to be transported shall be sealed and marked for the presence of H_2S.

(4) If H_2S-bearing zones are encountered while drilling with air or gas as the circulating medium, or with cable tools, the well should be killed with mud and drilling continued using mud as a circulating medium.

(5) Abandonment or temporary abandonment operations.

Internal well-abandonment shall be designed for H_2S service.

(6) Logging operations after penetration of known or suspected H_2S-Bearing Zones.

Mud in use for logging operations shall be conditioned and treated to minimize the effects of H_2S on the logging equipment.

(7) Stripping operations.

Displaced mud returns shall be monitored and protective-breathing apparatus worn if H_2S is detected at levels outlined for protective-breathing apparatus under paragraph I.(2).

(8) Gas-cut mud or well kick from H_2S-Bearing Zones.

Protective-breathing apparatus shall be worn when an H_2S concentration of 20 parts per million is detected. Should a decision be made to circulate out a kick, protective-breathing apparatus shall be worn prior to and subsequent to bottoms-up, and at any time during an extended kill operation that the concentration of H_2S becomes hazardous to personnel as defined in paragraphs I.(2)(a).

(9) Drill string precautions.

Precautions shall be taken to minimize drill string stresses caused by conditions such as excessive dogleg severity, improper stiffness ratios, improper torque, whip, abrasive wear on tool joints, and joint imbalance. American Petroleum Institute Bulletin RP 7G shall be used as a guideline for drill string precautions. Tool-joint compounds containing free sulphur shall not be used. Proper handling techniques shall be employed to minimize notching, stress concentrations, and possible drill pipe failures.

(10) Flare system.

The flare system shall be designed to safely gather and burn H_2S gas. Flare lines shall be located as far from the operating facility as feasible in a manner to compensate for wind changes. The flare system shall be equipped with a pilot and an automatic igniter. Backup ignition for each flare shall be provided.

D. Kick detection and well control

In addition to the requirements of paragraph 3 of this Notice, all efforts shall be made to prevent a well kick as a result of gas-cut mud, drilling breaks, lost circulation, or trips for bit change. Drilling rate changes shall be evaluated for the possibility of encountering abnormal pressures, and mud weights adjusted in an effort to compensate for any hydrostatic imbalance that might result in a well kick.

In the event of kick, the disposal of the well influx fluids shall be accomplished by one of the following alternatives, giving consideration to personnel safety, possible environmental damage, and possible facility well equipment damage:

(1) Alternative A.

To contain the well fluid influx by shutting in the well and pumping the fluids back into the formation.

(2) Alternative B.

To control the kick by using appropriate well-control techniques to prevent formation fracturing in open hole within the pressure limits of well equipment (drill pipe, casing, wellhead, blowout preventers, and related equipment). The disposal of H_2S and other gases shall be through pressured or atmospheric mud-gas separator equipment, depending on volume, pressure and concentration of H_2S gas. The equipment shall be designed to recover drilling mud and to vent to the atmosphere and burn the gases separated. The mud system shall be treated to neutralize H_2S and restore and maintain the proper mud quality.

E. Testing in an H_2S Environment

(1) Procedures.

(a) Testing shall be performed with a minimum number of personnel in the immediate vicinity of the test using test equipment to safely and adequately perform the test and maintain related equipment and services. Drill-stem testing of H_2S zones will be conducted during daylight hours only.

(b) Prior to initiation of the test, special safety meetings shall be conducted for all personnel who will be on or in the vicinity of the test, with particular emphasis on the use of personnel protective-breathing apparatus, first-aid procedures, and the H_2S Contingency Plan.

(c) During the test, the use of H_2S detection equipment shall be intensified. All produced gases shall be vented and burned through a flare system which meets the requirements of paragraph IV.(9). Gases from stored test fluids shall be vented into the flare system.

(d) "No Smoking" rules in the approved Contingency Plan of paragraph I.(3) of this Notice shall be rigorously enforced.

(2) Equipment.

(a) Drill-stem test tools, wellhead equipment, and other testing facilities shall be suitable for H_2S service.

(b) Tubing which meets the requirements for H_2S service shall be used for drill stem testing. Drill pipe shall not be used for drill stem tests without the prior approval of the District Engineer. The water cushion shall be thoroughly inhibited in order to prevent H_2S corrosion. The test string shall be flushed with treated fluid for the same purpose after completion of the test.

(c) All surface test units and related equipment shall be designed for H_2S service. Only competent personnel who are trained in and knowledgeable of the hazardous effects of the H_2S shall be utilized in these tests.

II. Metallurgical Equipment Considerations

Equipment used when drilling zones bearing H_2S or handling production containing H_2S could be susceptible to the phenomena variously known as: Sulfide stress cracking, hydrogen embrittlement, stress corrosion cracking and/or H_2S embrittlement. To resist or prevent these phenomena from occurring, the equipment shall be constructed of material whose metallurgical properties are chosen after considering both working environment and the anticipated stresses. The metallurgical properties include the grade of steel, the processing (as rolled, normalized, tempered and/or quenched) and its resulting strength properties. The working environment shall include the H_2S and CO_2, (carbon dioxide) concentrations, the well fluid pH and the well bore pressures and temperatures. For drilling and workover operations, such equipment includes the drill string, the casing, wellhead, blowout preventers, kill lines, choke manifold, valves, bolting, welding, and other related equipment. In regard to drilling and workover operations, each application for permit to drill and each Notice of intention to workover a well must describe precautions to be taken to protect equipment from H_2S. The following general practices are required for acceptable performance:

(1) Drill string.

Drill strings shall be designed consistent with the anticipated depth, conditions of the hole, and reservoir environment to be encountered. Care shall be taken to minimize exposure of the drill string to high stresses as much as is practical and consistent with the anticipated hole conditions to be encountered.

(2) Casing.

Casing, couplings, flanges, and related equipment shall be designed for H_2S service. Field welding on casing (except conductor and surface strings) is prohibited unless approved by the District Engineer.

(3) Wellhead, blowout preventers, and pressure control equipment.

The blowout preventer stack assembly shall be designed in accordance with criteria evolved through technology of the latest state-of-the art for H_2S service. Surface equipment such as choke lines, choke manifold, kill lines, pressure gauges, bolting, weldments, and other related well-killing equipment shall be designed and fabricated utilizing the most advanced technology concerning sulfide stress cracking. Elastomers, packing, and similar inner parts exposed to H_2S shall be resistant at the maximum anticipated temperature of exposure.

III. Critical Operations and Curtailment Plans

Certain operations performed under drilling and workover conditions are more critical than others with respect to well control, fire, explosion, oil spills, and other discharge or emissions. These operations may occur during drilling, running casing, logging, drill-stem testing, well completion, or wireline operations.

Prior to commencement of critical operations, each operator shall file, with the District Engineer, for approval of a Critical Operations and Curtailment Plan for the lease, which shall contain:

(1) A list or description of the more critical operations that are or are likely to be conducted on the lease. Such list or description shall specify the operations to be ceased, limited, or not to be commenced under given circumstances or conditions. The list shall include operations such as:

(a) Drilling in close proximity to another producing well.

(b) Drill-stem testing.

(c) Running and cementing casing.

(d) Cutting and recovering casing.

(e) Logging or wireline operations.

(f) Well completion operations.

(2) A list or description of circumstances or conditions under which such critical operations may occur, shall be circulated to all involved parties. This list or description shall be developed from all the factors and conditions relating to the conduct of operations on the lease, and shall consider but not necessarily be limited to the following:

(a) The availability and capability of containment and cleanup equipment.

(b) Abnormal or unusual characteristics expected to be encountered during drilling operations.

(c) Spill control system response time.

(d) Known or anticipated meteorological conditions.

(e) Availability of personnel and equipment for the particular operation to be conducted.

(f) Other factors peculiar to the particular lease under consideration.

(3) When any such circumstance or condition listed or described in the plan occurs or other operational limits are encountered, the operator shall notify the District Engineer and shall curtail the more critical operations as set forth under I. above. In the conduct of the more critical operations, full consideration shall be given to pertinent factors such as supply of well control materials, subsurface conditions, inventory of spill-containment equipment, weather conditions particular esthetic conditions, fire hazards, available transportation equipment, spill-control response time, and nature of work planned.

(4) Any departures in the plan shall require prior approval by the District Engineer.

(5) The operator shall review the plan at least annually. Notification of the review and any amendments or modifications to the plan shall be filed with the office of the District Engineer. For existing operations, such plan shall initially be filed within 90 days from the effective date of this Notice.

IV. Producing and Processing Operations

(1) All producing or processing operations where concentrations of H_2S exceed 100 ppm must have warning signs posted within 50 feet of the facility. Each sign shall have a minimum width of eight feet and a minimum height of four feet, and shall be painted a high-visibility yellow color with black lettering of a minimum of 12 inches in height, indicating:

"DANGER--HYDROGEN SULFIDE--H_2S"

Those facilities which are within 1/4 mile of a town, community, public road, or other area where the public might reasonably be expected must be fenced and the gates kept locked.

(2) Storage tanks that are used in production or testing operations, operated at or near atmospheric pressure, and have H_2S vapor accumulation shall be piped into a closed flare system and burned at a suitable remote stack. All openings on the tanks should be kept closed. This can be accomplished by equipping the tanks with some type of ground-level gauging and thermometers located in the tank shell. Gauges and temperatures can then be determined from the ground without opening the tank. These gauging devices usually require approval by the crude purchaser. Ground-level sampling can also be accomplished by installation of pipes extending into the tank at any desired level and to any desired distance. Valves are located at a convenient level to permit sampling on the ground without opening the tanks. Warning signs, within 50 feet of the tankage, are required.

(3) Plants processing natural gas for H_2S removal should be equipped with H_2S monitors and control devices that can detect leaks and shutdown the operation.

(4) In wells producing gas with over 5% H_2S, unless produced by artifical lift, the well must have two master valves, a packer and protective packer fluid. Where flowline pressures exceed 200 psia an automatic wellhead control valve is required, and within 0.5 mile of a dwelling or within 5 miles of a town, a well with over 5 MMCFD potential requires a surface controlled subsurface safety valve below 100 feet that will prevent uncontrolled flow.

(5) Corrosion coupons, to be used to monitor the rate of corrosion, should be installed in the flowline between the wellhead and production facilities and downstream of the production facilities. If prohibitive corrosion rates are defected in the production tubing and/or flowline these facilities should be detected by the periodic injection of a suitable corrosion inhibitor.

(6) If a production operation does not have the volume capacity or sufficient H_2S concentration to generate a 50-foot radius of exposure of 100 ppm, such operation is not subject to the above requirements. The equation for determining the 100 ppm radius of exposure in feet is the product of the mole fraction of H_2S in the gas times the maximum volume determined to be available for escape in cubic feet per day, to the 0.6258 power, times 1.589.

(7) The personnel safety and protection requirements contained in paragraph 1.(A) of this Notice are also applicable to leasehold production and processing facilities.

** FILE NOTATIONS **

DATE: October 10, 1979

Operator: American Quasar Petroleum Co.

Well No: ~~Eden State 2-41~~ American Quasar and C+K, et. al #2-41 — name change 10/25 Sundry forthcoming

Location: Sec. 2 T. 14N R. 6E County: Rich

File Prepared: [ ] Entered on N.I.D.: [✓]

Card Indexed: [✓] Completion Sheet: [✓]

[✓] API Number 43-033-30024

CHECKED BY:

Geological Engineer: ________________

Petroleum Engineer: ________________

Director: OK Conditional upon Bond being filed w/State Land Bd

APPROVAL LETTER:

Bond Required: [✓] are forwarding Survey Plat Required: [ ]

Order No. ________________ O.K. Rule C-3 [✓]

#1 providing a bond is filed

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site [ ]

Lease Designation [State] Plotted on Map [✓]

Approval Letter Written [ ]

State Bond?

hl PI

October 23, 1979

American Quasar Petroleum Company
204 Superior Building
Casper, Wyoming 82601

Re: Well No. Eden State #2-41
Sec. 2, T. 14N, R. 6E.,
Rich County, Utah

Insofar as this office is concerned, approvaltto drill the above referred to oil and gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-033-30024.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc: Donald Prince

Form OGC-1a

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML 31013

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☒ GAS WELL ☐ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other) Change Name of Operator			☒	(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is hereby respectfully requested that the Name of Operator be changed to:

American Quasar Petroleum Co., C & K Petroleum et al.

RECEIVED
OCT 29 1979
DIVISION OF OIL, GAS, & MINING

30024

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 10/25/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML 31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Location

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co., C & K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Approval to drill granted October 23, 1979.

No operations commenced as of 10/31/79.

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 11/15/79

John F. Sindelar

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER Location

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.,C & K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Approval to drill granted 10/23/79.

As of 11/30/79, RURT.

18. I hereby certify that the foregoing is true and correct

SIGNED John T. Sindelar TITLE Division Drlg. Supt. DATE 12/5/79

John T. Sindelar

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.,C & K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			☒
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 12/1-31/79 (see attached chronological report).

RECEIVED
JAN 14 1980
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 1/11/80

John F. Sindelar

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp

12/1-2/79 RURT
12/3/79 1 day-TD 90'. Prep. to spud. MW 8.5; vis 36. KB of rig: 30'. GGR: 7050'

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/4/79 2 days - Drlg. in Nugget ss @ 200'. Drld. 110' in 14 hrs. MW 8.7; visc 60. Survey: ¼° @ 177'. Ran bit #1 (17½" Sec S84 - SN 860228) @ 90'. Bit has drld. 110' in 14 hrs. Spudded @ 10:30 AM 12/3/79. Drlg. wt 6000#; RPM 50.

EDEN STATE #2-41
(16,800'Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/5/79 3 days - Drlg. in Nugget ss @ 310'. Drld. 110' in 21 hrs. MW 8.8; visc 60. Surveys: ½° @ 236'; 3/4° @ 267'; ½° @ 298'. Bit #1 has drld. 220' in 35 hrs. Drlg. wt 10,000#; RPM 50.

EDEN STATE 2-41
(16,800'Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/6/79 4 days - Drlg. in Nugget ss @ 400'. Drld. 90' in 20½ hrs. MW 8.9; visc 59. Surveys: 3/4° @ 339'; ½° @ 368'. Bit #1 has drld. 310' in 55½ hrs. Drlg. wt 10-15,000#; RPM 45-50.

EDEN STATE #2-41
(16,800'Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

12/7/79 5 days-Drlg. at 528'. Drld. 128' of nugget in 21 hrs. MW 8.7; vis 58. Surveys: ½°at 430' & 524'. Drlg.wt. 10-15,000#; RPM 40.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

12/8/79 6 days-Drlg. at 651'. Drld. 123' Nugget in 17½ hrs. Survey: 3/4°at 569; 1° at 598'; ½°at 628'. Pulled Bit #1A at 537'. Dull grade: 3-4-I. Bit had drld. 447' in 77½ hrs. Ran bit# 2A at 537'. Bit has drld. 114' in 16½ hrs.

12/9/79 7 days-Drlg. at 726' Nugget in 22½ hrs. MW 8.8; vis 56'. Surveys: ½°at 668'; 1°at 695'.

12/10/79 8 days-Drlg. at 797' Nugg.in 22½ hrs. MW 8.8; vis 58. Surveys: 1°at 726'; 1½°at 790'. Drlg.wt.10-12,000#; RPM 40-50.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/11/79 9 days - Drlg. in Ankareh sh @ 856'. Drld. 59' in 20½ hrs. MW 8.8; visc 57. Survey: 1½° @ 854'. Bit #2A has drld. 319' in 82 hrs. Drlg. wt 10,000#; RPM 40.

EDEN STATE 2-41
(16,800'Nugg-WC)
Rich Co.,Utah
EdenCanyonProsp.

12/12/79 10 days - Drlg. in Ankareh sh @ 917'. Drld. 61' in 22½ hrs. MW 8.8; visc 57. Survey: 1½° @ 915'. Bit #2A has drld. 380' in 104½ hrs. Drlg. wt 10,000#; RPM 50.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/13/79 11 days - Drlg. in Ankareh sh & ls @ 981'. Drld. 64' in 22½ hrs. MW 8.9; visc 56. Survey: 1-3/4° @ 976'. Bit #2A has drld. 444' in 127 hrs. Drlg. wt 15,000#; RPM 40.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/14/79 12 days - Drlg. in Ankareh @ 1039'. Drld. 58' in 19½ hrs. MW 8.9; visc 56. Survey: 2° @ 1035'. Pulled bit #2A @ 981'. Bit drld. 444' in 127 hrs. Dull grade 3-3-I. Ran bit #3A (17½" Sec M4N - SN 905475). Bit has drld. 58' in 19½ hrs. Drlg. wt 15,000#; RPM 40.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

12/15/79 13 days-TD 1039'. WOC. Ran BHC sonic log and dipmeter from 1039'-60'. Rigged up & ran 24 jts. 13-3/8" 54.50# K-55 STC csg. 1033'. Set at 1029'KB. Cmtd. w/570 sx Howco lite & 400 sx Class G cmt. PD at 3am.
12/16/79 14 days-TD 1039'. NU BOPE.
12/17/79 15 days-TD 1039'. Pressure testing BOPE stack w/some problems. Tested manifold valves to 3,000psi-OK.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/18/79 16 days - Drlg. in Ankareh sh @ 1053'. Drld. 14' in 2 hrs. MW 8.6; visc 34. Fin. testing BOPE to 3000 psi; Hydril to 1500. Ran bit #4 (12¼" Reed Y13 - SN 745724). Tagged cmt @ 979'. Drld. shoe @ 1028'. On btm @ 1039'. Bit has drld. 14' in 2 hrs. Drlg. wt 15,000#; RPM 60.

EDEN STATE 2-41
(16,800'Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/19/79 17 days - Drlg. in Nugget ss @ 1256'. Drld. 203' in 21½ hrs. MW 8.6; visc 34; WL 11.2; pH 11.5. Survey: 2¼° @ 1211'. Bit #4 has drld 217' in 23½ hrs. Nugget smpl top: 1125'. Drlg. wt 15,000#; RPM 60.

EDEN STATE #2-41
(16,800'Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/20/79 18 days - Drlg. in Nugget ss @ 1373'. Drld. 117' in 15½ hrs. MW 8.6; visc 34; WL 10.4; pH 11.0. Survey: 1-3/4° @ 1331'. Pulled bit #4 @ 1282'. Bit drld. 243' in 27½ hrs. Dull grade 5-3-¼". Ran bit #5 (12¼" Reed FP51 - SN 983041). Bit has drld. 91' in 12 hrs. Drlg. wt 20,000#; RPM 50.

EDEN STATE 2-41
(16,800'Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/21/79 19 days - Drlg. in Nugget ss @ 1537'. Drld.164' in 20½ hrs. MW 8.7; visc 35; WL 10.4; pH 10.5. Survey: 2° @ 1488'. Bit #5 has drld. 255' in 32½ hrs. Drlg. wt 25,000#; RPM 50.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

12/22/79 20 days - Drlg. in Nugget ss @ 1682'. Drld. 145' in 21 hrs. MW 8.6; visc 37; WL 9.8; pH 10.0. Surveys: 2° @ 1550'; 2-3/4° @ 1677'. Bit #5 has drld. 400' in 53-1/2 hrs. Drlg. wt 30,000#; RPM 50.

12/23 21 days - Drlg. in Nugget ss @ 1790'. Drld. 108' in 20-1/2 hrs. MW 8.6; visc 35; WL 10.4; pH 9.5. Survey: 2-1/2° @ 1743'. Bit #5 has drld. 508' in 74 hrs. Drlg. wt 30,000#; RPM 40.

12/24 22 days - Drlg. in Nugget ss @ 1900'. Drld. 110' in 23 hrs. MW 8.6; visc 35; WL 10.2; pH 10.0. Survey: 2-3/4° @ 1864'. Bit #5 has drld. 618' in 97 hrs. Drlg. wt 30,000#; RPM 50.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/25/79 23 days - Drlg. in Nugget @ 1982'. Drld. 82' in 13½ hrs. MW 8.6; visc 36; WL 10.2; pH 10.0. Survey: 2-3/4° @ 1928'. Pulled bit #5 @ 1908'. Bit drld. 626' in 100 hrs. Dull grade 4-2-¼". Ran bit #6 (12¼" Smith F3 - SN AN0626). Bit has drld. 74' in 10½ hrs. Drlg. wt 30,000#; RPM 40.

12/26 24 days - Drlg. in Nugget ss @ 2117'. Drld. 135' in 22 hrs. MW 8.6; visc 37; WL 9.6; pH 10.0. Surveys: 2-3/4° @ 1989'; 2½° @ 2020'; 3° @ 2083' & 2114'. Bit #6 has drld. 209' in 32½ hrs. Drlg. wt 20-25,000#; RPM 40.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/27/79 25 days - Drlg. in Nugget @ 2237'. Drld. 120' in 23 hrs. MW 8.6; visc 35; WL 10.0; pH 10.0. Surveys: 3° @ 2145' & 2211'. Bit #6 has drld. 329' in 55½ hrs. Drlg. wt 20-25,000#; RPM 40.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/28/79 26 days - TD 2304' (Nugget). Drld. 67' in 21 hrs. Changing BHA & PU pendulum. MW 8.6; visc 36; WL 9.4; pH 10.0. Surveys: 3½° @ 2271' & 2304'. Pulled bit #6 @ 2304'. Bit drld. 396' in 76½ hrs. Dull grade 4-2-1/8". Now changing BHA.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

12/29/79 27 days - Drlg. in Nugget @ 2401'. Drld. 97' in 18 hrs. MW 8.6; visc 36; WL 9.7; pH 10.2. Surveys: 3-3/4° @ 2327'; 3¾° @ 2360'. Ran bit #7 (12¼" Hughes J44 - SN WK735) w/54' pendulum @ 2304'. Bit has drld. 97' in 18 hrs. Drlg. wt 50,000#; RPM 35.

12/30 28 days - Drlg. in Nugget sd @ 2483'. Drld. 82' in 23 hrs. MW 8.6; visc 35; WL 10.0; pH 10.5. Surveys: 4° @ 2422'; 3¾° @ 2453'. Bit #7 has drld. 179' in 41 hrs. Drlg. wt 48-50,000#; RPM 35.

12/31 29 days - Drlg. in Nugget @ 2584'. Drld. 101' in 23 hrs. MW 8.6; visc 36; WL 10.0; pH 10.5. Survey: 3¾° @ 2517'. Bit #7 has drld. 280' in 64 hrs. Drlg. wt 50,000#; RPM 35.

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER: Drilling

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.,C & K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 1/1-31/80 (see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John T. Sindelar TITLE Division Drlg. Supt. DATE 2/1/80

John T. Sindelar

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE 2-41
(16,800'Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp

1/1/80 30 days - Drlg. in Ankareh sh @ 2658'. Drld. 74' in 12 hrs. MW 8.6; visc 37; WL 10.0; pH 11.0. Survey: 4½° @ 2652'. Pulled bit #7 @ 2608'. Bit drld. 304' in 6⅜ hrs. Dull grade 4-2-I. Ran bit #8 (12¼" Reed FP51 - SN 893045). Bit has drld. 50' in 7½ hrs. Ankareh smpl top: 2550'. Drlg. wt 45,000#; RPM 40.

1/2 31 days - Drlg. in Ankareh @ 2746'. Drld. 88' in 14½ hrs. MW 8.6; visc 35; WL 10.0; pH 10.0. Survey: 4-3/4° @ 2746'. Bit #8 has drld. 138' in 22 hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/3/80 32 days - Drlg. in Ankareh sh @ 2858'. Drld. 112' in 22½ hrs. MW 8.5; visc 35; WL 10.2; pH 10.0. Survey: 4-3/4° - @ 2840'. Bit #8 has drld. 250' in 44¼ hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/4/80 33 days - Drlg. in Ankareh sh & dolomite @ 3053'. Drld. 195' in 22 hrs. MW 8.7; visc 36; WL 10.2; pH 10.0. Survey: 4¼° @ 2992'. Bit #8 has drld. 445' in 66½ hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/5/80 34 days - Drlg. in Ankareh sh & dolomite @ 3184'. Drld. 131' in 22 hrs. MW 8.6; visc 36; WL 10.2; pH 9.5. Survey: 4° @ 3181'. Bit #8 has drld. 576' in 88½ hrs. Drlg. wt 50,000#; RPM 35.

1/6 35 days - Drlg. in sh & quartzitic ss @ 3236'. Drld. 55' in 23 hrs. MW 8.5; visc 38; WL 10.0; pH 10.0. Survey: 4¼° @ 3236'. Bit #8 has drld. 628' in 111½ hrs. Drlg. wt 50,000#; RPM 35.

1/7 36 days - Drlg. in quartzitic ss, dolomite & sh @ 3268'. Drld. 32' in 6½ hrs. MW 8.6; visc 37; WL 10.0; pH 10.0. Pulled bit #8 @ 3238'. Bit drld. 630' in 112 hrs. Dull grade 4-2-I. Ran bit #9 (12¼" Smith F4 - SN AL1509). Bit has drld. 30' in 6 hrs. Carrying 1 unit BGG. Drlg. wt 50,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/8/80 37 days - Tripping for dropped survey @ 3396'. Drld. 128' of dolomite, lm & sh in 19½ hrs. MW 8.6; visc 38; WL 10.0; pH 10.5. Survey: 4¼° @ 3306'. Bit #9 has drld. 158' in 25½ hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/9/80 38 days - Drlg. in dolomite @ 3475'. Drld. 79' in 13 hrs. MW 8.6; visc 37; WL 10.0; pH 10.0. Survey: 4¼° @ 3439'. Bit #9 has drld. 237' in 38½ hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/10/80 39 days - TD 3608'. Drld. 133' of sh in 21½ hrs. TOH to change pendulum. MW 8.6; visc 36; WL 10.0; pH 10.8. Surveys: 5° @ 3500'; 6° @ 3563' & 3593'. Bit #9 has drld. 370' in 60 hrs. BGG 1 unit. Now TOH.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/11/80 40 days - Drlg. in Ankareh sh @ 3674'. Drld. 66' in 16 hrs. MW 8.7; visc 34; WL 10.0; pH 10.7. Survey: 5½° @ 3600'. Pulled bit #9 @ 3608'. Bit drld. 370' in 60 hrs. Dull grade 4-2-I. Ran bit #10 (12¼" Smith F4 - SN AL2643. Bit has drld. 66' in 16 hrs. Running 42' pendulum. Drlg. wt 48,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/12/80 41 days - Drlg. in Ankareh @ 3808'. Drld. 134' in 22½ hrs. Surveys: 6½° @ 3681'; 6° @ 3714'; 6½° @ 3775'. Bit #10 has drld. 200' in 38½ hrs. Drlg. wt 48,000#; RPM 30.

1/13 42 days - Drlg. in Ankareh @ 3939'. Drld. 131' in 21 hrs. Survey: 6½° @ 3903'. Bit #10 has drld. 331' in 59½ hrs. Drlg. wt 48,000#; RPM 30.

1/14 43 days - Drlg. in Ankareh @ 4029'. Drld. 90' in 21 hrs. MW 8.7; visc 38; WL 9.8; pH 10.5. Survey: 6½° @ 3967'; 7° @ 4027'. Bit #10 has drld. 421' in 80½ hrs. Drlg. wt 48,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/15/80 44 days - Drlg. in Ankareh @ 4139'. Drld. 110' in 22½ hrs. MW 8.7; visc 38; WL 9.0; pH 10.5. Surveys: 7° @ 4058'; 6-3/4° @ 4120'. Bit #10 has drld. 531' in 103 hrs. Drlg. wt 48,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/16/80 45 days - Drlg. in Thaynes dolomite @ 4224'. Drld. 85' in 23 hrs. MW 8.7; visc 39; WL 9.5; pH 10.5. Survey: 6-3/4° @ 4181'. Bit #10 has drld. 616' in 126 hrs. Thaynes smpl top: 4160'. Drlg. wt 48,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/17/80 46 days - Drlg. in Thaynes lm & sh @ 4310'. Drld. 86' in 16½ hrs. MW 8.6; visc 35; WL 8.8; pH 10.5. Survey: 6½° @ 4275'. Pulled bit #10 @ 4227'. Bit drld. 619' in 126 hrs. Dull grade 4-2-I. Ran bit #11 (12¼" Hughes J44 - SN 730JA). Bit has drld. 83' in 15½ hrs. Revised Thaynes smpl top: 4085'. Drlg.wt 48,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/18/80 47 days - TD 4365'. Drld. 55' of ls in 9½ hrs. PU test tools. MW 8.5; visc 35; WL 7.2; pH 10.0. Survey: 6° @ 4360'. Pulled bit #11 @ 4365'. Bit drld. 138' in 25 hrs. Will rerun. Now PU test tools prep to run DST #1 - 4175-4365'.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/19/80 48 days - TD 4365'. PU BHA. MW 8.5; visc 36; WL 6.4; pH 10.0. Ran DST #1 - 4175-4365' (Thaynes) - w/no WC. TO 150 min-- w/sl blow, increased to strong in 10 min, remained strong thruout; SI 300 min. Pulled to rec 570' drlg. mud--n.s. Bomb depth 4148'. IHP 1817; IFP 79/276; FSIP 1624; FHP 1817; BHT 137° F. Smplr cap: 2150 cc's; rec. @ 0 psi, 13 cc's drlg. mud. Rstv: 1.1 @ 50°. Mud filtrate: 260 ppm chl's; smplr: 10,000 ppm chl's. Reran bit #11 (12¼" Hughes J44 - SN 730JA). Now PU BHA.

1/20 49 days - Drlg. in Thaynes ls @ 4439'. Drld. 74' in 11½ hrs. MW 8.6; visc 36; WL 7.9; pH 9.5. Survey: 5½° @ 4436'. Bit #11 has drld. 212' in 36½ hrs. Drlg. wt 65,000#; RPM 30.

1/21 50 days - TIH w/overshot @ 4464'. Drld. 25' in 6 hrs. MW 8.6; visc 37; WL 7.4; pH 10.0. Bit #11 has drld. 237' in 42½ hrs. Twisted off btm sub & shock tool. Top of fish: 4400'. Ran Bowen overshot, bumper sub & jars. Now prep to engage fish.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/22/80 51 days - Drlg. in Thaynes @ 4515'. Drld. 51' in 10 hrs. MW 8.7; visc 34; WL 8.4; pH 10.2. Engaged fish. POH. LD tools. Tripped back to btm w/bit #11. Bit has drld. total of 288' in 52½ hrs. Carrying 2 units BGG. Drlg. wt 65,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

1/23/80 52 days - Drlg. in ls @ 4607'. Drld. 92' in 22 hrs. MW 8.7; visc 36; WL 8.9; pH 10.2. Surveys: 6¼° @ 4526'; 6° @ 4590'. Bit #11 has drld. 380' in 74½ hrs. Drlg. wt 60,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

1/24/80 53 days - Drlg. in ls & sh @ 4692'. Drld. 85' in 22½ hrs. MW 8.6; visc 38; WL 8.1; pH 11.5. Survey: 7½° @ 4682'. Bit #11 has drld. 465' in 97 hrs. 1 unit BGG. Drlg. wt 48,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/25/80 54 days - Drlg. in Thaynes ls & dolomite @ 4715'. Drld. 23' in 5½ hrs. MW 8.6; visc 40; WL 8.2; pH 11.0. Survey: 7° @ 4682'. Pulled bit #11 @ 4694'. Bit drld. 467' in 98 hrs. Dull grade 5-2-1. Ran bit #12 (12¼" Sec M89TF - SN 905839). Bit has drld. 21' in 4½ hrs. Tested BOPE to 3000 psi. Magna-fluxed BHA while out of hole. Drlg. wt 45,000#; RPM 48.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

1/26/80 55 days - Drlg. in Thaynes dolomite & sh @ 4800'. Drld. 85' in 22 hrs. MW 8.7; visc 40; WL 7.4; pH 11.5. Surveys: 8½° @ 4717'; 9° @ 4777'. Bit #12 has drld. 106' in 26½ hrs. Drlg. wt 40,000#; RPM 30.

1/27 56 days - Drlg. in Thaynes dolomite & sh @ 4848'. Drld. 48' in 11½ hrs. MW 8.7; visc 35; WL 7.5; pH 11.5. Survey: 9° @ 4850'. Bit #12 has drld. 154' in 38 hrs. Drlg. wt 48,000#; RPM 30.

1/28 57 days - Drlg. in Thaynes dolomite & sh @ 4959'. Drld. 111' in 20½ hrs. MW 8.7; visc 36; WL 8.4; pH 11.9. Surveys: 9½° @ 4851'; 10¼° @ 4917'. Bit #12 has drld. 265' in 58½ hrs. Drlg. wt 12-55,000#; RPM 30-88.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Ut ah
Eden Canyon Prosp.

1/29/80 58 days - TD 5011'. Drld. 52' of slt & dolomite in 6 hrs. Repairing rig. MW 8.6; visc 37; WL 8.1; pH 10.5. Survey: 12° @ 5010'. Bit #12 has drld. 317' in 64½ hrs. Now repairing rig.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

1/30/80 59 days-Drlg. at 5094'. Drld. 83' in ls & dolomite in 10 hrs. MW 8.8; vis 35; WL 9.4; pH 11. Surveys: 13°at 5043'; 13-3/4° at 5075'. Pulled bit #12 at 5011'. Bit had drld. 317' in 64½ hrs. Dull grade: 3-3-I. Ran bit #13(12¼" Security M84F, s/n 785417)in at 5011'. Bit has drld. 83' in 10 hrs. BGG-1 unit. Drlg.wt.48-78,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

1/31/80 60 days - Drlg. in sh&ls @ 5188'. Drld. 94' in 22½ hrs. MW 8.8; visc 35; WL 9.0; pH 11.2. Surveys: 13½° @ 5104'; 13¼° @ 5184'. Bit #13 has drld. 177' in 32½ hrs. Drlg. wt 42,000#; RPM 30.

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

2. NAME OF OPERATOR
American Quasar Petroleum Co.,C & K Petroleum et al

3. ADDRESS OF OPERATOR
204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
763' FNL & 565' FEL (NE¼ NE¼)

5. LEASE DESIGNATION AND SERIAL NO.
ML-31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Eden State

9. WELL NO.
2-41

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
2-14N-6E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7052' GR

12. COUNTY OR PARISH
Rich

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 2/1-29/80 (see attached chronological report).

RECEIVED
MAR 3 1980
DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED John T. Sindelar TITLE Division Drlg. Supt. DATE 2/29/80
John T. Sindelar

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/1/80 61 days - Drlg. in Thaynes sltstn @ 5255'. Drld. 67' in 22 hrs. MW 8.7; visc 34; WL 8.7; pH 11.6. Surveys: 13-3/4° @ 5200'; 13° @ 5258'. Bit #13 has drld. 244' in 54½ hrs. Drlg. wt 38,000#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/2/80 62 days-TD 5258'. Circ. & cond. hole. Drld. 3' in 1 hr. Attempted to log. Log would not go. TIH. Now circ. & cond. for logs.
2/3/80 63 days-Drlg.at 5271'. Drld.13' in 5 hrs. Ran sonic gamma ray and dipmeter logs from 5242'-1000'.
2/4/80 64 days-SD for repairs. TD 5314'. Drld. 43' sd & silt in 15 hrs. MW 8.7; vis 38; WL 9.0; pH 11.5 Surveys: 13°at 5258'; 13½°at 5290'; 13°at 5314'. SD rig to repair compound, will be approx. 4 days.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/5/80 65 days - TD 5314'. Shut down for repairs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/6/80 66 days - TD 5314'. SD for repairs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/7/80 67 days - TD 5314'. SD for repairs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/8/80 68 days - TD 5314'. SD for repairs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/9-2/11/80 71 days-TD 5314'. SD for repairs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/12/80 72 days - TD 5314'. SD for repairs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/13/80 73 days - Drlg. in sltstn @ 5346'. Drld. 32' in 6 hrs. MW 8.6; visc 40; WL 9.0; pH 11.5. Ran bit #14 (12¼" Reed FP52 - s/n 745547) @ 5314'. Bit has drld. 32' in 6 hrs. Fin. repairing rig. TIH w/no problems. Began drlg. @ 12:00 midnight on 2/12/80. Drlg. wt 38,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/14/80 74 days - Drlg. in silt & ls @ 5428'. Drld. 82' in 22 hrs. MW 8.6; visc 39; WL 9.9; pH 11.5. Surveys: 12½° @ 5356'; 12° @ 5418'. Bit #14 has drld. 114' in 28 hrs. Drlg. wt 38,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/15/80 75 days - Drlg. in silt & sh @ 5509'. Drld. 81' in 18 hrs. MW 8.7; visc 43; WL 8.7; pH 11.5. Surveys: 12° @ 5446'; 11½° @ 5479'; 11¼° @ 5509'. Bit #14 has drld. 195' in 46 hrs. 3 units BGG. Drlg. wt 36,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/16/80 76 days-Drlg. at 5638'. Drld. 129' silt & sh in 19½ hrs. Surveys: 10-3/4°at 5537'; 11°at 5633'. BGG-2 units.
2/17/80 77 days-Drlg. Thaynes at 5752'. Drld. 114' in 22 hrs. Surveys: 10-3/4°at 5700'; 10½°at 5731'. BGG-1 unit.
2/18/80 78 days-Drlg.sdstn at 5869'. Drld. 117' in 20 hrs. MW 8.7; vis 43; WL 8.7; pH 9.5. Surveys: 9-3/4°at 5759'; 9½°at 5852'. BGG-2 units.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

2/19/80 79 days - Drlg. in dolomitic sh & ls @ 5982'. Drld. 113' in 21 hrs. MW 8.8; visc 43; WL 9.3; pH 9.0. Surveys: 9½° @ 5883'; 9¾° @ 5976'. Bit #14 has drld. 668' in 128½ hrs. Drlg. wt 26,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

2/20/80 80 days - Drlg. in shale @ 6067'. Drld. 85' in 21½ hrs. MW 8.8; visc 43; WL 8.1; pH 9.5. Survey: 8-3/4° @ 6043'. Bit #14 has drld. 753' in 150 hrs. Drlg. wt 26,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

2/21/80 81 days - Drlg. in sh & sltstn @ 6112'. Drld. 45' in 7 hrs. MW 8.8; visc 44; WL 9.3; pH 10.0. Survey: 8½° @ 6100'. Pulled bit #14 @ 6074'. Bit drld. 760' in 151 hrs. Dull grade 3-5-I. Ran bit #15 (12¼" Reed FP53 - s/n 900492). Bit has drld. 38' in 6 hrs. Carrying 3 units BGG. Drlg. wt 26,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

2/22/80 82 days - Drlg. in sh & lm @ 6237'. Drld. 125' in 20 hrs. MW 9.0; visc 43; WL 9.8; pH 10.0. Surveys: 8½° @ 6137' & 6229'. Bit #15 has drld. 163' in 26 hrs. Had drlg. brk 6222-6233'; BGG increased from 2 to 6 units while drlg. brk. Drlg. wt 20,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

2/23/80 83 days - Drlg. in lm & sltstn @ 6364'. Drld. 127' in 19 hrs. Survey: 8½° @ 6259'. Bit #15 has drld. 290' in 45 hrs. Drlg. wt 20,000#; RPM 110.
2/24 84 days - Drlg. in Thaynes ss @ 6441'. Drld. 77' in 22½ hrs. Survey: 8½° @ 6418'. Bit #15 has drld. 370' in 67½ hrs. Carrying 2 units BGG. Drlg. wt 22,000#; RPM 110.
2/25 85 days - Drlg. in Thaynes ss @ 6556'. Drld. 112' in 21 hrs. MW 8.7; visc 44; WL 8.6; pH 10.4. Survey: 8° @ 6541'. Bit #15 has drld. 482' in 88½ hrs. Drlg. wt 22,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

2/26/80 86 days - Drlg. in Woodside @ 6648'. Drld. 92' in 21 hrs. MW 8.7; visc 56; WL 8.4; pH 9.0. Surveys: 7½° @ 6570'; 7-3/4° @ 6633'. Bit #15 has drld. 574' in 109½ hrs. Woodside smpl top: 6565'. Carrying 1 unit BGG. Drlg. wt 20,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

2/27/80 87 days - Drlg. in silt & sh @ 6741'. Drld. 93' in 19 hrs. MW 8.7; visc 51; WL 9.2; pH 11.7. Survey: 7½° @ 6698'. Bit #15 has drld. 667' in 128½ hrs. Drlg. wt 18,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

2/28/80 88 days - Drlg. in sh & sltstn @ 6846'. Drld. 105' in 21 hrs. MW 8.7; visc 45; WL 9.1; pH 11.5. Surveys: 7¼° @ 6762'; 7° @ 6825'. Bit #15 has drld. 772' in 149½ hrs. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

2/29/80 89 days - Drlg. in sh, anhydrite & sltstn @ 6943'. Drld. 97' in 21 hrs. MW 8.7; visc 51; WL 9.8; pH 11.7. Surveys: 7° @ 6856'; 6-3/4° @ 6919'. Bit #15 has drld. 869' in 170½ hrs. Drlg. wt 15,000#; RPM 110.

LYNES

LYNES, INC. P.O. Box 12486 Houston, Texas 77017 Phone: (713) 943-0170 Telex: 762176 Cable: LYNESINC

April 7, 1980

Enclosed is a revised report on:

American Quasar Petroleum Co.
210 N. Walcott Rm. 204
Casper, Wyoming 82601

Reason for the revision is the addition of a distribution.

Thank you

Gordon Scheberle

Gordon Scheberle
Technical Reports Supervisor

GS/cn

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co., C & K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 3/1-31/80 (see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 4/8/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/1/80 90 days - POH w/bit #15 @ 7020'. Drld. 77' of sh & anhydrite in 20-1/2 hrs. Survey: 6-1/2° @ 7010'. Now pulling bit #15 @ 7020'. Bit drld. 946' in 191 hrs.

3/2 91 days - Drlg. in sh & anhydrite @ 7062'. Drld. 42' in 8-1/2 hrs. Survey: 6-1/2° @ 7042'. Fin. pulling bit #15 @ 7020'. Dull grade 4-3-I. Ran bit #16 (12-1/4" Sec S86F - s/n 928525). Bit has drld. 42' in 8-1/2 hrs. Tested BOPE to 3000 psi while out of hole. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/3/80 92 days-Drlg. Woodside silt & sh at 7152'. Drld. 90' in 22 hrs. MW 8.8; vis 43; WL 8.4; pH 11.5. Surveys: 6½°at 7072'; 6¼°at 7102'; 6°at 7134'. BGG-1 unit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

3/4/80 93 days - Drlg. in Dinwoody @ 7245'. Drld. 93' in 18 hrs. MW 8.9; visc 43; WL 9.1; pH 11.5. Surveys: 6⅝° @ 7159'; 7¼° @ 7220'. Bit #16 has drld. 225' in 48½ hrs. Dinwoody smpl top: 7185'. BGG 1 unit. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

3/5/80 94 days - Drlg. in sh & sltstn @ 7314'. Drld. 69' in 22 hrs. MW 9.1; visc 43; WL 8.9; pH 11.4. Survey: 7° @ 7289'. Bit #16 has drld. 294' in 70½ hrs. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/6/80 95 days - Drlg. in sltstn & dolomite @ 7363'. Drld. 54' in 21 hrs. MW 9.1; visc 46; WL 8.9; pH 12.0. Surveys: 7° @ 7324'; 6-3/4° @ 7354'. Bit #16 has drld. 348' in 91½ hrs. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/7/80 96 days - Drlg. in Woodside @ 7438'. Drld. 70' in 22 hrs. MW 9.0; visc 43; WL 9.1; pH 11.5. Surveys: 7° @ 7362'; 6-3/4° @ 7414'. Bit #16 has drld. 418' in 113¾ hrs. BGG 2 units. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/8/80 97 days - TD 7485'. Drld. 47' of Dinwoody in 16½ hrs. Magnafluxing BHA. Survey: 6° @ 7475'. Pulled bit #16 @ 7485'. Bit drld. 465' in 130 hrs. Dull grade 5-4-I. Now MF'g BHA.

3/9 98 days - Drlg. in Dinwoody @ 7509'. Drld. 24' in 9½ hrs. Fin. magnafluxing BHA. Ran bit #17 (12¼" Hughes J33 - s/n UR994) @ 7485'. Bit has drld. 24' in 9½ hrs. Drlg. wt 15,000#; RPM 110.

3/10 99 days - Drlg. in Dinwoody @ 7582'. Drld. 73' in 21 hrs. MW 9.0; visc 43; WL 8.9; pH 11.5. Survey: 6° @ 7572'. Bit #17 has drld. 97' in 30½ hrs. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/11/80 100 days - Drlg. in sh & sltstn @ 7645'. Drld. 63' in 22½ hrs. MW 9.0; visc 45; WL 9.6; pH 11.5. Survey: 6° @ 7631'. Bit #17 has drld. 160' in 53 hrs. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/12/80 101 days - Drlg. in sh & sltstn @ 7702'. Drld. 57' in 22 hrs. MW 9.0; visc 42; WL 9.2; pH 12.5. Surveys: 6° @ 7659'; 5½° @ 7690'. Bit #17 has drld. 187' in 75 hrs. Drlg. wt 20,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/13/80 102 days - Drlg. in Dinwoody sltstn @ 7765'. Drld. 63' in 20½ hrs. MW 9.0; visc 45; WL 9.0; pH 12.0. Survey: 5¼° @ 7751'. Bit #17 has drld. 280' in 95½ hrs. BGG: 1 unit. Drlg. wt 20,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/14/80 103 days - TIH w/bit #18 @ 7791'. Drld. 26' of sh in 11½ hrs. MW 9.0; visc 42; WL 9.6; pH 12.2. Survey: 3/4° @ 7785'. Pulled bit #17 @ 7791'. Bit drld. 306' in 107 hrs. Dull grade 4-4-I. Now running bit #18 (12¼" Reed FP53 - s/n 908580) @ 7791'.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

3/15/80 104 days - Drlg. in sltstn @ 7856'. Drld. 65' in 21 hrs. Survey: 5¼° @ 7846'. Fin. running bit #18 @ 7791'. Bit has drld. 65' in 21 hrs. BGG: 1 unit. Drlg. wt 17,000#; RPM 110.

3/16 105 days - TD 7886'. Drld. 30' of slt in 11½ hrs. WO swivel. Survey: 5° @ 7874'. Bit #18 has drld. 95' in 32 hrs. Now WO swivel.

3/17 106 days - Drlg. in sh @ 7938'. Drld. 52' in 12½ hrs. MW 8.9; visc 45; WL 8.8; pH 12.0. Survey: 4-3/4° @ 7905'. Bit #18 has drld. 147' in 44½ hrs. BGG: 1 unit. Drlg. wt 18,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

3/18/80 107 days - Drlg. in Phosphoria @ 8030'. Drld. 92' in 21 hrs. MW 8.9; visc 46; WL 9.8; pH 12.0. Survey: 4° @ 8001'. Bit #18 has drld. 239' in 65½ hrs. Phos. smpl top: 7940'. BGG 1 unit. Drlg. wt 18,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/19/80 108 days - TIH w/bit @ 8083'. Drld. 53' of chert & blk sh in 16½ hrs. MW 8.9; visc 42; WL 9.8; pH 11.7. Pulled bit #18 @ 8083' due to lost pump pressure. Found jars washed out. Bit drld. 292' in 82 hrs. Dull grade 5-4-¼". Now running bit #RR12 (12¼" Sec M89TF - s/n 905839) @ 8083'.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/20/80 109 days - Drlg. in dolomitic sh & chert @ 8122'. Drld. 39' in 10½ hrs. MW 8.8; visc 43; WL 9.8; pH 12.0. Survey: 8¼° @ 8122'. Fin. running bit #RR12 @ 8083'. Bit has drld. 39' in 10½ hrs. BGG: 1 unit. Drlg. wt 40,000#; RPM 35.

EDEN STATE 2-41
(16800' Nugg-WC
Rich County, Utah
Eden Canyon Prosp

3/21/80 - 110 days - Drlg in Dolomitic shale, stringers lime & chert. Drld 73', 32½ hrs. MW 8.7, Vis 43, WL 9.5, pH 12. Surv @ 3/4 deg, 8153', 4¾ deg, 8185'. Ran bit #RR12 @8083', bit has drld 112', 32½ hrs. Drlg wt 35,000#, RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich County, Utah
Eden Canyon Prosp.

3/22/80 111 days - TD 8203'. Logging w/Schlumberger. Drld. 8' of dolomite & sh in 3 hrs. Pulled bit #RR12 @ 8203' for logs. Bit drld. 120' in 35½ hrs. Dull grade 5-3-1/16". Now running elec. logs.

3/23 112 days - TIH w/bit #RR12 @ 8203'. Ran GR-Sonic w/Caliper 8195-5146', DLL 8188-1028', CNFD 8191-1010' & Dipmeter 8190-4990'. Now TIH w/bit to cond. for DST #2.

3/24 113 days - TD 8193' (corr. uphole 10' after double SLM). PU test tools for DST #2. MW 8.7; visc 43; WL 9.4; pH 12.0. TIH & cond. hole for DST. POH. PU test tools. Now TIH for DST #2.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

3/25/80 114 days - TIH w/bit #19 @ 8193'. MW 8.7; visc 40; WL 9.0; pH 12.0. Fin. TIH w/DST #2 (Phosphoria) - 7990-8193' - w/228' amm. WC. TO 90 min--w/wk blow, incr. to strong blow in 9 min; stabilized @ 2.5 psi on ¼" chk in 25 min., remained constant thruout; SI 120 min. Pulled to rec. 3728' fluid consist. of 228' WC + 500' WC drlg. mud + 3000' blk sulphur wtr. Bomb depth 7995'. IHP 3574; FP 258/1500; FSIP 2786; FHP 3545; BHT 140° F. Smplr cap: 2150 cc's; rec. @ 120 psi, 1950 cc's wtr. Rstv: 1.5 @ 65°, 4000 ppm chl's. Mud filtrate: 525 ppm chl's. Now running bit #19 (12¼" Reed FP62 - s/n 918106) @ 8193'.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/26/80 115 days - Drlg. in Phosphoria @ 8251'. Drld. 58' in 21 hrs. MW 8.6; visc 43; WL 9.5; pH 12.0. Surveys: 5¼° @ 8210'; 5¾° @ 8241'. Bit #19 has drld. 58' in 21 hrs. BGG: 2 units. Drlg. wt 28,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

3/27/80 116 days - Drlg. in Phos. @ 8333'. Drld. 82' in 21 hrs. MW 8.7; visc 43; WL 9.0; pH 11.8. Surveys: 5° @ 8266'; 5-3/4° @ 8297'; 5¾° @ 8328'. Bit #19 has drld. 140' in 42 hrs. (Corr. on bit #17 s/n - #VP994 instead of UR994.) Drlg. wt 15,000#; RPM 110. BGG: 1 unit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

3/28/80 117 days - Drlg. in Phos. @ 8405'. Drld. 72' in 21½ hrs. MW 8.9; visc 45; WL 9.0; pH 12.0. Surveys: 5° @ 8361'; 5¾° @ 8392'. Bit #19 has drld. 212' in 63½ hrs. BGG: 1 unit. Drlg. wt 15,000#; RPM 110.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

3/29/80 118 days - Drlg. in sh, dolomite & anhydrite @ 8459'. Drld. 44' in 21½ hrs. Survey: 4¼° @ 8464'. Bit #19 has drld. 266' in 85 hrs. BGG: 2 units. Drlg. wt 40,000#; RPM 32.

3/30 119 days - Drlg. in sh, dolomite & anhydrite @ 8483'. Drld. 24' in 12 hrs. Pulled bit #19 @ 8478'. Bit drld. 285' in 95½ hrs. Dull grade 7-3-1/16". Ran bit #20 (12¼" Smith F5 - s/n AL0745). Bit has drld. 5' in 1½ hr. BGG: 2 units. Drlg. wt 40,000#; RPM 32.

3/31 120 days - Drlg. in Wells @ 8555'. Drld. 72' in 21 hrs. MW 8.7; visc 43; WL 10.0; pH 12.0. Survey: 4¼° @ 8548'. Bit #20 has drld. 77' in 22½ hrs. Tent. Wells smpl top: 8440'. Drlg. wt 40,000#; RPM 35.

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER: Drilling

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.,C & K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			☒
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 4/1-30/80
(see attached chronological report).

RECEIVED
MAY 12 1980
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED John T. Sindelar TITLE Division Drlg. Supt. DATE 5/8/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/1/80 121 days - Drlg. in hard ss @ 8614'. Drld. 59' in 22 hrs. MW 8.6; visc 42; WL 9.8; pH 11.5. Survey: 3¼° @ 8608'. Bit #20 has drld. 136' in 44½ hrs. Drlg. wt 40,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/2/80 122 days - Drlg. in ss & dolomite @ 8673'. Drld. 59' in 22½ hrs. MW 8.7; visc 43; WL 9.4; pH 11.3. Survey: 3½° @ 8639'. Bit #20 has drld. 195' in 67 hrs. BGG: Trace. Drlg.wt 55,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/3/80 123 days - Drlg. in Wells ss @ 8729'. Drld. 56' in 19 hrs. MW 8.8; visc 43; WL 8.5; pH 11.3. Survey: 3¼° @ 8700'. Bit #20 has drld. 251' in 86 hrs. BGG: 1 unit. Drlg. wt 60,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/4/80 124 days - Drlg. in silt & dolomite @ 8797'. Drld. 68' in 22 hrs. Survey: 3-1/4° @ 8762'. Bit #20 has drld. 319' in 108 hrs. Drlg. wt 50,000#; RPM 35.

4/5 125 days - TD 8826'. Drld. 29' of sltstn & dolomite in 13-1/2 hrs. Changing BHA. Survey: 3-1/4° @ 8794'. Pulled bit #20 @ 8826'. Bit drld. 348' in 121-1/2 hrs. Dull grade 8-3-1/16". Now ck'g BHA.

4/6 126 days - Drlg. in sltstn & dolomite @ 8838'. Drld. 12' in 3 hrs. Survey: 3-1/2° @ 8820'. Pressure-tested BOPE to 3000 psi, Hydril to 2500. Ran bit #21 (12-1/4" Smith F7 - s/n AN1028) @ 8826'. Bit has drld. 12' in 3 hrs. Drlg. wt 30,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

4/7/80 127 days - Drlg. in sltstn & dolomite @ 8899'. Drld. 61' in 17 hrs. MW 8.7; visc 43; WL 8.6; pH 11.7. Survey: 4° @ 8867'. Bit #21 has drld. 73' in 20 hrs. Drlg. wt 40,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

4/8/80 128 days - TD 8950'. Drld. 51' of quartzitic ss w/some dolomite in 14 hrs. Changing BHA. MW 8.9; visc 51; WL 8.5; pH 12.0. Surveys: 3-3/4° @ 8898'; 4° @ 8950'. Bit #21 has drld. 124' in 34 hrs. BGG: 1 unit. Drlg. wt 40,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/9/80 129 days - TD 8950'. POH. MW 8.6; visc 46; WL 8.8; pH 10.5. Changed BHA to reduce hole size to 8½". TIH. Attempted to circ. Bit plugged. Now POH to unplug bit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

4/10/80 130 days - TD 8950'. Fishing. MW 8.6; visc 50; WL 8.7; pH 11.5. Fin. POH w/ plugged bit #22 (8½" Sec H100F - s/n 855271). Pulled to 3249'. Stuck DC's. Ran freepoint. Stuck @ 2612'. Now working stuck pipe. (Dull grade bit #21: 5-3-2".)

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/11/80 131 days - TD 8950'. TIH w/bit to clean out. MW 8.5; visc 52; WL 9.1; pH 12.0. RU McCullough. TIH. Stuck @ 2612'. Backed off @ 2580'. RD McCullough. Circ. & cond. mud. Attempted to tag top of fish. Bridge @ 2608'. POH. PU & TIH w/RR bit. Drld. out bridge @ 2612'. Cont. to TIH. Now clng out bridge @ 6021'.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/12/80 132 days - TD 8950'. POH w/fish. Fin. TIH. Circ. & cond. Top of fish: 8282'. POH. PU screw-in sub. TIH. Engaged fish. Now POH.

4/13 133 days - TD 8950'. Circ. & cond. top of fish (new top of fish: 8508'). Fin. POH. Rec. 1 jt DP, 6 DC's & 1 set of Daily jars. TIH w/bit to 8508'. Circ. & cond. hole. Now prep to POH & PU fishing tools.

4/14 134 days - TD 8950'. Attempting to engage fish w/overshot. MW 8.7; visc 53; WL 9.3; pH 11.5. Fin. circ. & cond. hole. POH w/bit. Ran overshot w/clusterite control & 7" grapples. Could not engage fish. POH. Redressed overshot w/new clusterite shoe. TIH. Dressed top of fish. Could not engage fish. Now POH.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/15/80 135 days - TD 8950'. TIH w/overshot & 5' extension bowl. MW 8.6; visc 52; WL 9.0; pH 11.0. TIH w/overshot dressed w/7¼" grapples, jars & bumper sub. Engaged fish. On PU attempt, grapples slipped off. TOH. Installed 7" grapples on overshot. TIH. Engaged fish. Overshot slipped off again. POH. PU 5' extension bowl & 7" grapples. Now TIH.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/16/80 136 days - TD 8950'. POH w/bit #22 prep to PU overshot. MW 8.7; visc 47; WL 10.5; pH 11.0. Fin. TIH w/overshot. Engaged fish. POH. Rec. 5 DC's (156'). LD fish. Ran bit #22 (12¼" Smith DTJ - s/n DB0726) @ 8664'. Washed to top of fish. Circ. & cond. hole & mud. Now POH prep to PU overshot.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/17/80 137 days - TD 8950'. TIH w/overshot. MW 8.7; visc 42; WL 10.7; pH 10.5. Fin. POH. PU overshot. TIH. Attempted to engage fish-- w/o success. POH. Redressed overshot. TIH. Overshot stopped @ 635' inside 13-3/8" csg. POH. PU bit & 6-pt rmr. TIH. Worked thru tite spot @ 635'. Attempted to run overshot. Overshot stopped. POH. Ran tapered mill thru tite spot @ 635'. POH. Now TIH w/11-3/8" overshot.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/18/80 138 days - TD 8950'. TOH. MW 8.6; visc 48; WL 9.8; pH 11.5. TIH w/11-3/8" overshot. Overshot stopped @ 635'. POH. PU 12¼" tapered mill. Milled csg. POH. PU overshot. Overshot stopped @ 635'. TIH w/stabilized FB mill. Milled 635-645'. POH. TIH open-ended. Went thru damaged sec. of csg. TIH to 1000'. POH. Now prep to run tapered mill w/dual stabilizers above.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/19/80 139 days - TD 8950'. Milling on 13-3/8" csg. TIH w/10-5/8" overshot dressed w/7" grapples. Could not engage fish. POH. PU bit. TIH. Could not get below 635'. PU 12¼" tapered mill. Now milling on csg.

4/20 140 days - TD 8950'. Milling on csg. @ 653'. Ran tapered mill #1. Milled 635-645'. POH. Mill worn out. Ran mill #2 (12¼" Acme FB). Began milling @ 635'. Milled to 645'. Milled 10' in 15 hrs. POH. Mill worn out. Ran mill #3 (12¼" Acme tapered mill) @ 645'. Now milling @ 653'.

4/21 141 days - TD 8950'. TOH w/mill. MW 8.7; visc 49; WL 9.9; pH 11.5. Milled 645-680' w/mill #3. TIH to 8000'. Circ. & cond. hole. Now POH to run 9-5/8" csg.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

4/22/80 142 days - TD 8950'. WOC 9-5/8" csg. MW 8.6; visc 44; WL 9.9; pH 11.5. Fin. POH w/mill #3. Mill worn out. RU & ran 9-5/8" csg. as follows:

9 jts 43.50# S95 Rge 3 LTC	376.12'
56 jts 40# S95 Rge 3 LTC	2370.04'
105 jts 40# L80 Rge 3 LTC	4541.25'
14 jts 43.5# S95 Rge 3 LTC	605.38'
Total csg:	7892.79'
Float shoe, float collar & DV tool:	8.12'
Total:	7900.91'
Landed at:	7900.00' KB
Float collar at:	7855.00'
DV tool at:	826.00'

Ran 14 centralizers & 2 cmt. bskts. Cemented as follows: Ran 1000 gals mud flush followed by 820 sx Class "G" w/3/4 of 1% CFR_2 & ¼#/sk flocele, 15.8#/gal. Displaced w/594 bbl mud. Float held. Dropped DV bomb. Cemented 2nd stage w/370 sx Class "G" w/10#/sk gilsonite, ¼#/sk flocele, 2% CaCl, 14.7#/gal. Displaced w/63 bbl mud. Had 100% circ thruout both cmt. jobs. PD 2nd stage 2:45 AM 4/22/80. Now WOC.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

4/23/80 143 days - TD 8950'. Prep to pressure-test BOPE. Fin. WOC. Installed spool; set slips. Pressure-tested to 3000 psi. NU BOPE. Now prep to pressure-test.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/24/80 144 days - TD 8950'. LD DC's. Pressure-tested BOPE to 5000 psi; Hydril to 1500. PU new kelly & new kelly valves. LD jars, fishing tools & BHA. Now LD 10" DC's.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/25/80 145 days-TD 8950'. Drlg. cmt. at 7890'. MW 8.7; vis 93; WL 7.0; pH 12. Ran bit #23(8½" Hughes OWV, s/n VA645). Drld. DV collar at 826', TIH, tagged cmt. at 7637'. Now Drlg. cmt.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/26/80 146 days - TD 8950'. Prep to POH w/overshot. Fin. drlg. cmt. TIH w/bit. Could not get to top of fish. TOH. PU magnet. TIH. Rec. numerous small pces of metal. TIH w/overshot. Could not get on fish. Now prep to POH.

4/27 147 days - TD 8950'. TIH w/mill #5. Fin. POH w/overshot. PU mill #4 (8½" FB). TIH. Milled on junk. Made 1'. POH. Mill worn out. PU mill #5 (8½" FB). Now TIH.

4/28 148 days - TD 8950'. TOH w/mill #5. MW 8.7; visc 48; WL 9.3; pH 12.5. TIH to 8692'. Milled on junk. Milled to 8697' in 6 hrs. PU. Could not get back to top of fish. Circ. & worked mill 6 hrs. Could not get below 8694'. Now POH prep to set plug.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/29/80 149 days - PBTD 8444'. TIH to dress off plug. MW 8.7; visc 47; WL 9.9; pH 12.0. Fin. POH w/mill #5. TIH open-ended. Set 240-sk Class "G" plug 8694-8444'. Job complete 5:30 PM 4/28/80. Now TIH to dress off plug.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

4/30/80 150 days - Orienting tool @ 8494'. MW 8.8; visc 48; WL 9.3; pH 12.0. Survey: 4-3/4° S 78° E @ 8490'. TIH. Found top of cmt @ 8470'. Dressed off cmt to 8494'. POH. PU & TIH w/Dyna-Drill, bent sub & bit #24 (8½" Hughes J7 - s/n EW898) @ 8494'. Now orienting, prep to drill w/Dyna-Drill.

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

2. NAME OF OPERATOR
American Quasar Petroleum Co.,C & K Petroleum et al

3. ADDRESS OF OPERATOR
204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
763' FNL & 565' FEL (NE¼ NE¼)

5. LEASE DESIGNATION AND SERIAL NO.
ML-31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Eden State

9. WELL NO.
2-41

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
2-14N-6E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7052' GR

12. COUNTY OR PARISH
Rich

13. STATE
Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 5/1-31/80
(see attached chronological report).

RECEIVED
JUN 9 1980
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED John T. Sindelar TITLE Division Drlg. Supt. DATE 6/5/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/1/80 151 days - Tripping for bit @ 8542'. Drld. 48' in 20 hrs. MW 8.8; visc 58; WL 8.4; pH 12.0. Surveys: 4-3/4° S 77° E @ 8480'; 4° S 80° E @ 8510'. Fin. dressing off plug w/bit #24. POH. Ran bit #25 (8½" Reed HPSM - s/n 744847) @ 8494'. Pulled bit #25 @ 8542'. Bit drld. 48' in 20 hrs. Now tripping for bit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/2/80 152 days - Drlg. w/Dyna-Drill @ 8556'. Drld. 14' of ss in 11 hrs. MW 8.8; visc 58; WL 8.2; pH 12.5. Fin. pulling bit #25 @ 8542'. Dull grade 2-2-I. PU & TIH w/new Dyna-Drill, 2° bent sub & bit #26 (8½" Chr MD43SG - s/n OW3024). Bit has drld. 14' in 11 hrs. Time-drlg; RPM 400.

EDEN STATE #2-41
Rich Co., Utah
Eden Canyon Prosp.

5/3/80 153 days - Drlg. in ss & dolomite @ 8576'. Drld. 20' in 11-1/2 hrs. Survey: 3-1/2° S 67° E @ 8550'. Pulled bit #26 @ 8573'. Bit drld. 31' in 21 hrs. Bit worn out. LD Dyna-Drill & bent sub. Ran bit #RR25 (8-1/2" Reed HPSM - s/n 744847). Bit has drld. 3' in 1-1/2 hr. Drlg. wt. 25,000#; RPM 35.

5/4 154 days - Drlg. in ss, sh & dolomite @ 8657'. Drld. 81' in 22 hrs. Survey: 1-3/4° S 60° E @ 8610'. Bit #RR25 has drld. 84' in 23-1/2 hrs. Drlg. wt 35,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/5/80 155 days-Drlg.at 8674'. Drld. 17' ss,siltstone, & dolomite in 9 hrs. Survey: 1-3/4°So.60°E at 8642'. MW 8.6; vis 52; WL 8.7; pH 12.5. Pulled bit #RR25 at 8667'. Bit had drld. 94' in 29 hrs. Ran bit #27(8½"Hughes J-77, s/n PV161)at 8667'. Bit has drld. 7' in 3½hrs. Dull grade on bit #RR25: 8-2-I.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/6/80 156 days - Drlg. in Wells @ 8743'. Drld. 69' in 20½ hrs. MW 8.5; visc 57; WL 8.8; pH 12.5. Surveys: 2¼° @ 8673'; 2½° @ 8735'. Bit #27 has drld. 76' in 24 hrs. BGG: 1 unit. Drlg.wt 45,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/7/80 157 days - Drlg. in Wells ss @ 8847'. Drld. 104' in 21 hrs. MW 8.5; visc 51; WL 9.1; pH 12.5. Survey: 2½° @ 8827'. Bit #27 has drld. 180' in 45 hrs. BGG: 1 unit. Drlg. wt 45,000#; RPM 60.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/8/80 158 days - Drlg. in Wells ss @ 8958'. Drld. 111' in 20½ hrs. MW 8.7; visc 52; WL 8.4; pH 12.5. Surveys: 2½° @ 8890'; 2-3/4° @ 8950'. Bit #27 has drld. 291' in 65½ hrs. Drlg. wt 45,000#; RPM 60.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/9/80 159 days - POH w/bit @ 9019'. Drld. 61' of Wells ss in 19 hrs. MW 8.8; visc 53; WL 8.4; pH 12.5. Survey: 3½° @ 9013'. Now pulling bit #27 @ 9019'. Bit drld. 352' in 84½ hrs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/10/80 160 days - Drlg. in Wells ss & slt @ 9074'. Drld. 55' in 15½ hrs. Survey: 3½° @ 9065'. Fin. pulling bit #27 @ 9019'. Dull grade 5-4-I. Ran bit #28 (8½" Smith F57 - s/n BB5894). Bit has drld. 55' in 15½ hrs. Drlg. wt 35,000#; RPM 60.

5/11 161 days - POH w/bit #28 @ 9199'. Drld. 125' in 18 hrs. Surveys: 4¼° @ 9095'; 4½° @ 9188'. Now pulling bit #28 @ 9199'. Bit drld. 180' in 33½ hrs.

5/12 162 days - TIH w/bit #29 @ 9212'. Drld. 13' of Wells in 5 hrs. MW 8.6; visc 63; WL 8.3; pH 11.5. Fin. pulling bit #28 @ 9199'. Dull grade 8-8-2". Ran bit #RR24 (8½" Hughes J7 - s/n FW898). Pulled bit #RR24 @ 9212'. Bit drld. 13' in 5 hrs. Dull grade 7-2-1/8". Now running bit #29 (8½" Smith F57 - s/n AR1964) @ 9212'. BGG: 1 unit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/13/80 163 days - Drlg. in dolomite & fractured quartzitic sd @ 9266'. Drld. 54' in 19½ hrs. MW 8.7; visc 53; WL 8.0; pH 10.5. Survey: 5½° @ 9259'. Fin. running bit #29 @ 9212'. Bit has drld. 54' in 19½ hrs. BGG: 1 unit. Drlg.wt 20,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/14/80 164 days - Drlg. in Wells ss @ 9311'. Drld. 45' in 12 hrs. MW 8.8; visc 64; WL 7.8; pH 11.0. Survey: 5¼° @ 9286'. Pulled bit #29 @ 9270'. Bit drld. 58' in 21½ hrs. Dull grade 4-4-I. Ran 59' pendulum & bit #30 (8½" Sec M89F - s/n 853576) @ 9270'. Bit has drld. 41' in 10 hrs. Drlg. wt 35,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/15/80 165 days - TOH w/bit #30 @ 9374'. Drld. 63' qtz ss in 18 hrs. MW 8.7; visc 51; WL 7.9; pH 11.0. Surveys: 5½° @ 9210'; 7½° @ 9370'. Now pulling bit #30 @ 9374'. Bit drld. 104' in 28 hrs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/16/80 166 days - Drlg. in Wells ss @ 9440'. Drld. 66' in 13 hrs. MW 8.7; visc 53; WL 7.3; pH 10.5. Surveys: 7-3/4° @ 9393'; 8° @ 9424'. Fin. pulling bit #30 @ 9374'. Dull grade 5-2-I. Ran bit #31 (8½" Sec H100F - s/n 915782). Bit has drld. 66' in 13 hrs. Drlg. wt 55,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/17/80 167 days - Drlg. in Wells ss @ 9533'. Drld. 93' in 20½ hrs. Surveys: 8-3/4° @ 9454' & 9516'. Bit #31 has drld. 159' in 33½ hrs. Drlg. wt 40,000#; RPM 35.

5/18 168 days - Drlg. in Wells ss @ 9606'. Drld. 73' in 22 hrs. Survey: 9° @ 9579'. Bit #31 has drld. 233' in 55½ hrs. BGG: 1 unit. Drlg. wt 35,000#; RPM 35.

5/19 169 days - Drlg. in Wells sltstn & sh @ 9674'. Drld. 68' in 21 hrs. MW 8.7; visc 50; WL 6.9; pH 12.0. Survey: 8° @ 9672'. Bit #31 has drld. 301' in 76½ hrs. Drlg. wt 40,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/20/80 170 days - Drlg. in sh, lm & dolo @ 9755'. Drld. 81' in 22 hrs. MW 8.8; visc 52; WL 6.7; pH 11.5. Surveys: 8° @ 9706'; 7-3/4° @ 9736'. Bit #31 has drld. 381' in 98½ hrs. BGG ½ unit. Drlg.wt 40,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/21/80 171 days - POH w/bit @ 9813'. Drld. 58' of Amsden lm in 19 hrs. MW 8.9; visc 54; WL 6.9; pH 12.0. Survey: 7-3/4° @ 9798'. Now pulling bit #31 @ 9813'. Bit drld. 439' in 117½ hrs. Amsden smpl top: 9590'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/22/80 172 days - Drlg. in Amsden ls @ 9828'. Drld. 15' in 6 hrs. MW 8.7; visc 52; WL 7.0; pH 11.5. Survey: 8° @ 9828'. Fin. pulling bit #31 @ 9813'. Dull grade 4-6-I. Ran bit #32 (8½" Sec M89TF - s/n 852665). Bit has drld. 15' in 6 hrs. Tested BOPE to 5000 psi; Hydril to 1500. Drlg. wt 40,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/23/80 173 days - Drlg. in Amsden ls @ 9925'. Drld. 97' in 20½ hrs. MW 8.[illegible] visc 54; WL 6.6; pH 11.5. Surveys: 8° @ 9828', 7-3/4° @ 9893'. Bit #32 has drld. 112' in 26½ hrs. Drlg. wt 40,000#; RPM 50.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/24/80 174 days - Drlg. in Amsden @ 10,014'. Drld. 89' in 21 hrs. Survey: 7-3/4° @ 9988'. Bit #32 has drld. 201' in 47-1/2 hrs. BGG: 3/4 unit. Drlg. wt 40,000#; RPM 50.

5/25 175 days - Drlg. in Amsden @ 10,129'. Drld. 115' in 21 hrs. Survey: 7° @ 10,110'. Bit #32 has drld. 316' in 68-1/2 hrs. Drlg. wt 40,000#; RPM 50.

5/26 176 days - Drlg. in Amsden @ 10,230'. Drld. 101' in 23 hrs. Survey: 6-3/4° @ 10,171'. Bit #32 has drld. 417' in 91-1/2 hrs. Drlg. wt 40,000#; RPM 50.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/27/80 177 days - Drlg. in ss @ 10,291'. Drld. 61' in 15 hrs. MW 8.8; visc 54; WL 7.1; pH 11.5. Survey: 6-3/4° @ 10,230'. Pulled bit #32 @ 10,231'. Bit drld. 418' in 91½ hrs. Dull grade 8-8-I. Ran bit #33 (8½" Sec M89TF - s/n 784599). Bit has drld. 60' in 15 hrs. Drlg.wt 40,000#; RPM 50.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/28/80 178 days - Circ. for smpls prior to trip @ 10,400'. Drld. 109' of Madison ss & dolo in 19 hrs. MW 8.8; visc 54; WL 7.2; pH 12.0. Survey: 6° @ 10,355'. Bit #33 has drld. 169' in 34 hrs. Madison smpl top: 10,040'. Now prep to pull bit.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/29/80 179 days - TIH w/bit #34 @ 10,400'. MW 8.9; visc 53; WL 7.4; pH 12.0. Survey: 5° @ 10,400'. Pulled bit #33 @ 10,400'. Bit drld. 169' in 34 hrs. Dull grade 8-8-3/4". Lost 2 cones. TIH w/magnet. Rec. cones. Now running bit #34 (8½" Smith F5 - s/n ?) @ 10,400'--prep to wash to btm. (New Wells smpl top: 10,230'.)

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/30/80 180 days - Drlg. in Wells ss @ 10,492'. Drld. 92' in 18 hrs. MW 8.8; visc 63; WL 7.7; pH 12.0. Fin. TIH w/bit #34 (s/n BA6092) @ 10,400'. Bit has drld. 92' in 18 hrs. Drlg. wt 45,000#; RPM 50.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

5/31/80 181 days - POH for DST #3 @ 10,516'. Drld. 24' of Wells ss in 6½ hrs. Survey: 3° @ 10,509'. Bit #34 has drld. 116' in 24½ hrs. Started out of hole. Stuck string 44' off btm. Jarred loose. Circ. & cond. hole. Now POH.

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

2. NAME OF OPERATOR
American Quasar Petroleum Co.,C & K Petroleum et al

3. ADDRESS OF OPERATOR
204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
763' FNL & 565' FEL (NE¼ NE¼)

5. LEASE DESIGNATION AND SERIAL NO.
ML-31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Eden State

9. WELL NO.
2-41

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
2-14N-6E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7052' GR

12. COUNTY OR PARISH
Rich

13. STATE
Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 6/1-30/80 (see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John R. Sindelar TITLE Division Drlg. Supt. DATE 7/2/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

5/31/80 181 days - POH for DST #3 @ 10,516'. Drld. 24' of Wells ss in 6½ hrs. Survey: 3° @ 10,509'. Bit #34 has drld. 116' in 24½ hrs. Started out of hole, Stuck string 44' off btm. Jarred loose. Circ. & cond. hole. Now POH.

6/1 182 days - TD 10,516'. POH w/DST tools. MW 8.8; visc 59; WL 8.1; pH 12.0. Fin. pulling bit #34 @ 10.516'. Dull grade 4-6-½". PU & TIH w/test tools. While proceeding to btm, hole became progressively tighter. When 60' from btm, hole became too tight for successful test. Now POH w/test tools.

6/2 183 days - TIH w/bit #35 @ 10,537'. Drld. 21' in 5 hrs. MW 8.8; visc 51; WL 8.6; pH 11.5. Fin. POH & LD test tools. TIH w/bit #RR31 (8½" Sec H100F - s/n 915782) @ 10,516'. Pulled bit #RR31 @ 10,537'. Rmd 55' of out-of-gauge hole & 21' of formation in 9½ hrs. Dull grade 6-3-I. Now TIH w/bit #35 (8½" Sec H100F - s/n 745650) @ 10,537'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/3/80 184 days - TD 10,566'. Drld. 29' of Wells ss in 5½ hrs. TIH w/DST #4. MW 8.8; visc 63; WL 6.5; pH 12.0. Survey: 3° @ 10,560'. Fin. running bit #35 @ 10,537'. Pulled bit #35 @ 10,566' for DST #4. Bit drld. 29' in 5½ hrs. Will rerun. Now TIH w/DST.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/4/80 185 days - TD 10,566'. MW 8.8; visc 63; WL 6.3; pH 12.0. Fin. TIH w/DST #4 - 10,366-10,566' (Wells) - w/400' amm WC. TO 90 min-- w/wk blow, incr. to 1½ psi in 70 min, remain. constant last 20 min; SI 180 min. Pulled to rec 400' WC + 2139' fluid consisting of 639' WCM & 1500' sulphur wtr. Bomb depth 10,342'. IHP 4798; IFP 275; FFP 1114; FSIP 3800; FHP 4748; BHT 184° F. Smplr cap: 2150 cc's; rec @ 12 psi, 2150 cc's wtr. Rstv: .45 @ 64°. Mud filtrate: 1050 ppm chl's. Smplr: 17,000 ppm chl's. Ran bit #RR35 (8½" Sec H100F - s/n 945650) @ 10,566. Now on btm.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/5/80 186 days - Drlg. in Wells ss @ 10,670'. Drld. 104' in 22 hrs. MW 8.8; visc 60; WL 7.5; pH 10.5. Survey: 2° @ 10,636'. Bit #RR35 has drld. total of 133' in 27½ hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/6/80 187 days - Drlg. in Wells sd & dolo @ 10,715'. Drld. 45' in 12 hrs. MW 8.8; visc 58; WL 7.2; pH 11.5. Survey: 2½° @ 10,680'. Pulled bit #RR35 @ 10,686'. Bit drld. 149' in 31½ hrs. Dull grade 7-2-¼". Ran bit #36 (8½" Reed FP83 - s/n 632323). Bit has drld. 29' in 8 hrs. Drlg. wt 45,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/7/80 188 days - Drlg. in Phos. @ 10,801'. Drld. 86' in 21-1/2 hrs. Survey: 2-3/4° @ 10,763'. Bit #36 has drld. 115' in 29-1/2 hrs. Phos. smpl top: 10,770'. Drlg. wt 45,000#; RPM 35.

6/8 189 days - Drlg. in Phos. @ 10,836'. Drld. 35' in 13 hrs. Survey: 3° @ 10,823'. Pulled bit #36 @ 10,831'. Bit drld. 145' in 41 hrs. Dull grade 3-2-I. Ran bit #37 (8-1/2" Smith F57 - s/n BB0578). Bit has drld. 5' in 1-1/2 hr. BGG: Tr. Drlg. wt 45,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/9/80 190 days-Drlg.Phosphoria at 10,936'. Drld. 100' in 22 hrs. MW 8.9; vis 57; WL 6.6; pH 11.5. Survey: 2-3/4°at 10,886'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/10/80 191 days - Drlg. in Phos @ 10,970'. Drld. 34' in 11½ hrs. MW 8.9; visc 59; WL 6.9; pH 11.5. Survey: 3½° @ 10,930'. Bit #37 has drld. 139' in 35 hrs. Broke line on survey instrument--had to POH to retrieve. Drlg.wt 38,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/11/80 192 days - TOH w/bit @ 11,070'. Drld. 100' of Phos in 11 hrs. MW 8.9; visc 57; WL 7.8; pH 12.0. Survey: 3½° @ 11,065'. Now pulling bit #37 @ 11,070'. Bit drld. 239' in 46 hrs.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/12/80 193 days - Drlg. in Phos @ 11,152'. Drld. 82' in 12½ hrs. MW 8.9; visc 57; WL 7.8; pH 12.0. Survey: 3½° @ 11,120'. Fin. Pulling bit #37 @ 11,070'. Dull grade 4-4-I. Ran bit #38 (8½" Sec M89TF - s/n 775161). Bit has drld. 82' in 12½ hrs. BGG: 1 unit. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/13/80 194 days - Drlg. in Dinwoody sh @ 11,234'. Drld. 82' in 20 hrs. MW 8.9; visc 55; WL 7.6; pH 12.0. Surveys: 5¼° @ 11,180'; 6° @ 11,220'. Bit #38 has drld. 164' in 32½ hrs. Dinwoody smpl top: 11,150'. BGG: Tr. Drlg. wt 32,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/14/80 195 days - Drlg. in Dinwoody sh @ 11,300'. Drld. 66' in 20 hrs. Survey: 6° @ 11,282'. Bit #38 has drld. 230' in 52½ hrs. Drlg.wt 30,000#; RPM 60.

6/15 196 days - Drlg. in sh @ 11,335'. Drld. 35' in 10 hrs. Survey: 6° @ 11,308'. Pulled bit #38 @ 11,301'. Bit drld. 231' in 53 hrs. Dull grade 6-5-3/8". Ran bit #39 (8½" Reed FP53 - s/n 545846). Bit has drld. 34' in 9½ hrs. Drlg. wt 35,000#; RPM 35.

6/16 197 days - Drlg. in sh @ 11,418'. Drld. 83' in 22½ hrs. MW 8.9; visc 68; WL 8.1; pH 12.5. Survey: 5½° @ 11,409'. Bit #39 has drld. 117' in 32 hrs. Drlg. wt 40,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/17/80 198 days - Drlg. in Woodside sh @ 11,523'. Drld. 105' in 22½ hrs. MW 8.9; visc 56; WL 8.1; pH 12.0. Survey: 5° @ 11,498'. Bit #39 has drld. 222' in 55½ hrs. Woodside smpl top: 11,507'. Drlg. wt 35,000#; RPM 40.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/18/80 199 days - TIH w/bit #40 @ 11,584'. Drld. 61' of Woodside sh in 11½ hrs. MW 8.9; visc 58; WL 8.3; pH 12.0. Surveys: 5-3/4° @ 11,532'; 6° @ 11,563' & 11,580'. Pulled bit #39 @ 11,584'. Bit drld. 283' in 66 hrs. Dull grade 3-2-I. Now running bit #40 (8½" Reed FP53 - s/n 545816) @ 11,584'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/19/80 200 days - Drlg. in Woodside @ 11,676'. Drld. 92' in 20 hrs. MW 8.9; visc 56; WL 8.9; pH 11.5. Survey: 6° @ 11,655'. Fin. running bit #40 @ 11,584'. Bit has drld. 92' in 20 hrs. BGG: Tr. Drlg. wt 35,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/20/80 201 days - Drlg. in sltstn & red sh @ 11,782'. Drld. 106' in 23 hrs. MW 8.9; visc 57; WL 8.5; pH 11.0. Survey: 6½° @ 11,776'. Bit #40 has drld. 198' in 43 hrs. Drlg. wt 32,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

6/21/80 202 days - Drlg. in sh & anhydrite @ 11,887'. Drld. 105' in 23 hrs. Surveys: 7° @ 11,807'; 7½° @ 11,868'. Bit #40 has drld. 303' in 66 hrs. Drlg. wt 28,000#; RPM 35.

6/22 203 days - Washing to btm w/bit #41 @ 11,919'. Drld. 32' of sh & ls in 9½ hrs. Survey: 8° @ 11,915'. Pulled bit #40 @ 11,919'. Bit drld. 335' in 75½ hrs. Dull grade 8-5-I. Ran bit #41 (8½" Smith F3 - s/n BD2335). Now washing to btm.

6/23 204 days - Drlg. in sh & anhydrite @ 11,998'. Drld. 79' in 21 hrs. MW 8.9; visc 56; WL 7.9; pH 11.0. Survey: 8° @ 11,989'. Fin. washing to btm w/bit #41 @ 11,919'. Bit has drld. 79' in 21 hrs. Drlg. wt 35,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/24/80 205 days - Drlg. in Woodside @ 12,125'. Drld. 127' in 22 hrs. MW 9.0; visc 71; WL 8.4; pH 10.5. Surveys: 7½° @ 12,050'; 7° @ 12,082'; 8° @ 12,113'. Bit #41 has drld. 206' in 43 hrs. Drlg. wt 30,000#; RPM 50.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/25/80 206 days - Drlg. in Woodside @ 12,216'. Drld. 91' in 22½ hrs. MW 8.9; visc 58; WL 9.0; pH 11.0. Survey: 8° @ 12,206'. Bit #41 has drld. 297' in 65½ hrs. BGG: Tr. Drlg.wt 30,000#; RPM 60.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/26/80 207 days - POH w/bit @ 12,262'. Drld. 46' of Woodside sh in 18 hrs. MW 9.0; visc 59; WL 8.9; pH 11.0. Survey (Teledrift): 8° @ 12,262'. Now pulling bit #41 @ 12,262'. Bit drld. 343' in 83½ hrs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/27/80 208 days-Drlg. at 12,274'. Drld. 12' in Woodside sh in 4 hrs. MW 8.9; vis 54; WL 8.9; pH 11. TOH, tested BOPE, TIH, washed 30' to btm. BGG-trace.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/28/80 209 days - Drlg. in Dinwoody @ 12,352'. Drld. 78' in 18-1/2 hrs. Surveys: 12° @ 12,243'; 14-1/2° @ 12,324'. Bit #42 has drld. 90' in 22-1/2 hrs. Dinwoody smpl top: 12,265'. Drlg. 50,000#; RPM 35.

6/29 210 days - Drlg. in Dinwoody @ 12,383'. Drld. 31' in 10-1/2 hrs. Survey: 14-1/2° @ 12,357'. Pulled bit #42 @ 12,358'. Bit drld. 96' in 25-1/2 hrs. Dull grade 7-3-I. Ran bit #43 (8-1/2" Reed FP63 - s/n 126029). Bit has drld. 25' in 7-1/2 hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

6/30/80 211 days-Drlg.sh, siltsone, & dolomite at 12,477'. Drld. 94' in 17½ hrs. MW 9.0; vis 57; WL 8.7; pH 11. Surveys: 14½°at 12,398'& 12,436'

LYNES, INC.

Sampler Report

Company: American Quasar Petroleum Co. Date: 7-23-80

Well Name & No.: Eden State #2-41 Ticket No.: 20912

County: Rich State: Utah

Test Interval: 13,515-13,693' DST No.: 6

Total Volume of Sampler: 2100 cc.

Total Volume of Sample: 2050 cc.

Pressure in Sampler: 230 psig

Oil: None cc.

Water: None cc.

Mud: 2050 Slightly gas cut cc.

Gas: Trace cu. ft.

Other: None

Sample R.W.: .95 @ 70°F = 6400 ppm. Cl.

Resistivity

Make Up Water R.W. 10.0+ @ 85°F of Chloride Content 440 ppm.

Mud Pit Sample R.W. 10.0+ @ 90°F of Chloride Content 430 ppm.

Gas/Oil Ratio Gravity °API @ °F

Where was sample drained On location

Remarks:

Form 5

LYNES, INC.

Distribution of Final Reports

American Quasar Petroleum Company (Operator) — Eden State #2-41 (Well Name and No.)

Original &

1 Copy: American Quasar Petroleum Company, 707 United Bank Tower, 1700 Broadway, Denver, Colorado 80290, Att. Clare Gregg

8 Copies: American Quasar Petroleum Company, 2500 Ft. Worth National Bank Building, Ft. Worth, Tx. 76102, Att. Bill Bogert

1 Copy: American Quasar Petroleum Company, 204 Superior Bldg., 201 N. Walcott, Casper, Wyoming 82601, Attention: John Sindelar

2 Copies: Utah Oil & Gas Commission, 1588 West, North Temple, Salt Lake City, Utah 84116

3 Copies: El Paso Exploration Company, P.O. Box 990, Farmington, N.Mexico 87401, Att.: R.A. Strum, R.A. Ullrich, Sharon Sacks

3 Copies: C & K Petroleum, Inc., 1600 Broadway, Suite 1700, Denver, CO. 80202 Attention: Dell Wiegand, George Farmar

2 Copies: Impel Energy Corporation, Suite 600, Metrobank Building, 475 17th Street Denver, Colorado 80202, Attention: Marie Neiberger, John Weiner

2 Copies: Lear Petroleum, 2500 First of Denver Plaza, 633 17th Street, Denver, CO. 80202, Attention: Sharon, Travis Brown

Form 6

AMERICAN QUASAR PETROLEUM COMPANY
EDEN STATE NO. 2-41
WILDCAT
RICH COUNTY, UTAH
BOSS GYROSCOPIC

DATE OF SURVEY JULY 10, 1980
VERTICAL SECTION DIRECTION CLOSURE
BOSS-11949

SPERRY-SUN, INC.
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUB SEA TVD	COURSE INCLINATION DEG MIN	COURSE DIRECTION DEG MIN	DOG-LEG SEV DEG/100	TOTAL RECTANGULAR COORDINATES NORTH/SOUTH	EAST/WEST	VERTICAL SECTION
5242	5200.00	-1862.00	TIE-ON @5242'W/CUSTOMER INFO.			25.00 N	402.00 E	398.90
5300	5256.41	-1805.59	13 17	S 85 0 E	4.06	25.02 N	415.46 E	412.
5400	5353.84	-1708.16	12 46	S 83 30 E	0.61	22.76 N	437.88 E	434.
5500	5451.42	-1610.58	12 31	S 84 12 E	0.30	20.42 N	459.63 E	456.72
5600	5549.11	-1512.89	12 8	S 83 42 E	0.39	18.17 N	480.85 E	478.05
5700	5647.06	-1414.94	11 9	S 83 36 E	0.98	15.94 N	500.91 E	498.21
5800	5745.26	-1316.74	10 37	S 84 42 E	0.57	14.01 N	519.69 E	517.09
5900	5843.67	-1218.33	9 50	S 83 18 E	0.82	12.16 N	537.35 E	534.84
6000	5942.28	-1119.72	9 16	S 85 36 E	0.69	10.55 N	553.86 E	551.42
6100	6040.99	-1021.01	9 11	S 83 24 E	0.36	9.01 N	569.81 E	567.44
6200	6139.74	-922.26	8 59	S 82 12 E	0.28	7.04 N	585.46 E	583.20
6300	6238.50	-823.50	9 1	S 82 30 E	0.06	4.96 N	600.97 E	598.82
6400	6337.35	-724.65	8 23	S 81 12 E	0.66	2.82 N	615.95 E	613.92
6500	6436.32	-625.68	8 7	S 81 30 E	0.28	0.66 N	630.13 E	628.23
6600	6535.37	-526.63	7 39	S 82 24 E	0.48	1.26 S	643.71 E	641.91
6700	6634.51	-427.49	7 24	S 80 54 E	0.32	3.16 S	656.66 E	654.
6800	6733.73	-328.27	6 57	S 82 0 E	0.47	5.02 S	669.01 E	667.43
6900	6833.04	-228.96	6 32	S 81 6 E	0.43	6.75 S	680.62 E	679.14
7000	6932.39	-129.61	6 31	S 85 6 E	0.45	8.11 S	691.89 E	690.48
7100	7031.73	-30.27	6 41	S 85 36 E	0.19	9.04 S	703.35 E	701.97
7200	7130.99	68.99	7 16	S 80 24 E	0.85	10.54 S	715.38 E	714.09
7300	7230.22	168.22	6 56	S 81 42 E	0.37	12.47 S	727.58 E	726.40
7400	7329.54	267.54	6 31	S 81 48 E	0.42	14.15 S	739.16 E	738.07
7500	7428.89	366.89	6 29	S 81 0 E	0.09	15.84 S	750.36 E	749.36
7600	7528.29	466.29	6 7	S 79 18 E	0.41	17.71 S	761.18 E	760.29
7700	7627.76	565.76	5 39	S 82 42 E	0.59	19.33 S	771.30 E	770.51
7800	7727.30	665.30	5 19	S 77 0 E	0.64	21.00 S	780.70 E	780.01
7900	7826.91	764.91	4 53	S 71 18 E	0.66	23.41 S	789.25 E	788.72
8000	7926.58	864.58	4 25	S 72 54 E	0.49	25.90 S	796.97 E	796.61
8100	8026.26	964.26	4 39	S 73 30 E	0.23	28.19 S	804.54 E	804.33

AMERICAN QUASAR PETROLEUM COMPANY
EDEN STATE NO. 2-41
WILDCAT
RICH COUNTY, UTAH
BOSS GYROSCOPIC

DATE OF SURVEY JULY 10, 1980
VERTICAL SECTION DIRECTION CLOSURE
BOSS-11949

SPERRY-SUN, INC.
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUB SEA TVD	COURSE INCLINATION DEG MIN	COURSE DIRECTION DEG MIN	DOG-LEG SEV DEG/100	TOTAL RECTANGULAR COORDINATES NORTH/SOUTH	EAST/WEST	VERTICAL SECTION
8200	8125.87	1063.87	5 28	S 72 18 E	0.83	30.79 S	812.97 E	812.94
8300	8225.40	1163.40	5 40	S 74 24 E	0.29	33.57 S	822.27 E	822.
8400	8324.96	1262.96	5 2	S 75 54 E	0.65	35.97 S	831.28 E	831.
8500	8424.62	1362.62	4 31	S 76 12 E	0.52	37.98 S	839.37 E	839.81
8600	8524.44	1462.44	2 10	S 64 24 E	2.45	39.73 S	844.90 E	845.46
8700	8624.37	1562.37	2 7	S 63 30 E	0.05	41.37 S	848.25 E	848.93
8800	8724.30	1662.30	2 17	S 67 24 E	0.22	42.96 S	851.75 E	852.53
8900	8824.20	1762.20	2 44	S 71 0 E	0.48	44.50 S	855.83 E	856.73
9000	8924.05	1862.05	3 32	S 78 0 E	0.89	45.91 S	861.10 E	862.08
9100	9023.82	1961.82	4 11	S 78 30 E	0.66	47.28 S	867.69 E	868.76
9200	9123.52	2061.52	4 44	S 81 0 E	0.58	48.66 S	875.35 E	876.50
9300	9223.09	2161.09	5 54	S 81 36 E	1.16	50.05 S	884.51 E	885.75
9400	9322.33	2260.33	8 9	S 82 30 E	2.25	51.73 S	896.63 E	897.96
9500	9421.21	2359.21	9 2	S 83 6 E	0.89	53.60 S	911.46 E	912.88
9600	9519.96	2457.96	9 5	S 84 6 E	0.16	55.35 S	927.10 E	928.62
9700	9618.84	2556.84	8 5	S 85 36 E	1.01	56.71 S	941.97 E	943.
9800	9717.89	2655.89	7 42	S 83 24 E	0.49	58.02 S	955.64 E	957.27
9900	9817.02	2755.02	7 25	S 82 24 E	0.31	59.64 S	968.69 E	970.42
10000	9916.20	2854.20	7 17	S 79 54 E	0.35	61.60 S	981.33 E	983.17
10100	10015.40	2953.40	7 14	S 82 42 E	0.36	63.52 S	993.81 E	995.76
10200	10114.63	3052.63	6 58	S 84 36 E	0.35	64.89 S	1006.09 E	1008.11
10300	10213.98	3151.98	6 10	S 83 18 E	0.82	66.08 S	1017.46 E	1019.54
10350	10263.74	3201.74	4 55	S 85 36 E	2.54	66.56 S	1022.26 E	1024.36
10400	10313.57	3251.57	4 36	N 84 12 E	1.80	66.52 S	1026.39 E	1028.47
10500	10413.31	3351.31	3 34	N 81 6 E	1.05	65.63 S	1033.46 E	1035.45
10600	10513.16	3451.16	2 46	S 83 12 E	1.17	65.44 S	1038.93 E	1040.89
10700	10613.06	3551.06	2 26	N 82 12 E	0.74	65.44 S	1043.44 E	1045.39
10800	10712.95	3650.95	2 54	N 77 48 E	0.50	64.61 S	1048.02 E	1049.89
10900	10812.82	3750.82	2 58	N 75 18 E	0.15	63.42 S	1053.00 E	1054.76
11000	10912.65	3850.65	3 41	N 79 24 E	0.75	62.17 S	1058.66 E	1060.31

AMERICAN QUASAR PETROLEUM COMPANY
EDEN STATE NO. 2-41
WILDCAT
RICH COUNTY, UTAH
BOSS GYROSCOPIC

DATE OF SURVEY JULY 10, 1980
VERTICAL SECTION DIRECTION CLOSURE

BOSS-11949

SPERRY-SUN, INC.
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUB SEA TVD	COURSE INCLINATION DEG MIN	COURSE DIRECTION DEG MIN	DOG-LEG SEV DEG/100	TOTAL RECTANGULAR COORDINATES NORTH/SOUTH	EAST/WEST	VERTICAL SECTION
11100	11012.47	3950.47	3 16	N 76 42 E	0.44	60.93 S	1064.59 E	1066.
11200	11112.15	4050.15	5 49	N 87 36 E	2.68	60.06 S	1072.43 E	1073.88
11300	11211.61	4149.61	6 1	S 89 36 E	0.35	59.88 S	1082.74 E	1084.15
11400	11311.05	4249.05	6 11	N 84 36 E	0.64	59.41 S	1093.35 E	1094.69
11500	11410.48	4348.48	5 59	N 81 42 E	0.37	58.15 S	1103.87 E	1105.08
11600	11509.91	4447.91	6 17	N 78 0 E	0.50	56.26 S	1114.38 E	1115.41
11700	11609.26	4547.26	6 50	N 82 24 E	0.74	54.34 S	1125.62 E	1126.48
11800	11708.50	4646.50	7 17	N 88 12 E	0.84	53.35 S	1137.85 E	1138.59
11900	11807.56	4745.56	8 29	N 89 6 E	1.22	53.04 S	1151.56 E	1152.24
12000	11906.27	4844.27	9 52	S 89 6 E	1.41	53.06 S	1167.52 E	1168.15
12100	12004.43	4942.43	12 8	S 86 42 E	2.31	53.80 S	1186.58 E	1187.21
12200	12102.15	5040.15	12 24	S 86 36 E	0.27	55.04 S	1207.78 E	1208.45
12300	12199.50	5137.50	14 1	S 87 18 E	1.62	56.25 S	1230.59 E	1231.29
12400	12296.48	5234.48	14 14	S 85 24 E	0.52	57.80 S	1254.95 E	1255.68
12500	12393.18	5331.18	15 16	S 83 54 E	1.10	60.19 S	1280.30 E	1281.
12600	12489.01	5427.01	17 56	S 77 54 E	3.17	64.82 S	1308.46 E	1309.58
12700	12583.78	5521.78	19 17	S 74 18 E	1.76	72.51 S	1339.41 E	1341.03
12800	12678.16	5616.16	19 20	S 72 6 E	0.73	82.07 S	1371.06 E	1373.31
12900	12772.33	5710.33	19 59	S 70 12 E	0.91	92.94 S	1402.88 E	1405.88
13000	12865.99	5803.99	21 2	S 69 30 E	1.09	105.02 S	1435.77 E	1439.60
13050	12912.53	5850.53	21 50	S 67 48 E	2.01	111.67 S	1452.79 E	1457.07

** THE CALCULATIONS ARE BASED ON THE MINIMUM RADIUS OF CURVATURE METHOD **

HORIZONTAL DISPLACEMENT = 1457.07 FEET AT SOUTH 85 DEG. 36 MIN. EAST ( )

START OF SURVEY WAS 7062.00 FEET ABOVE SEA LEVEL

Phone
713-790-9132

LYNES, INC

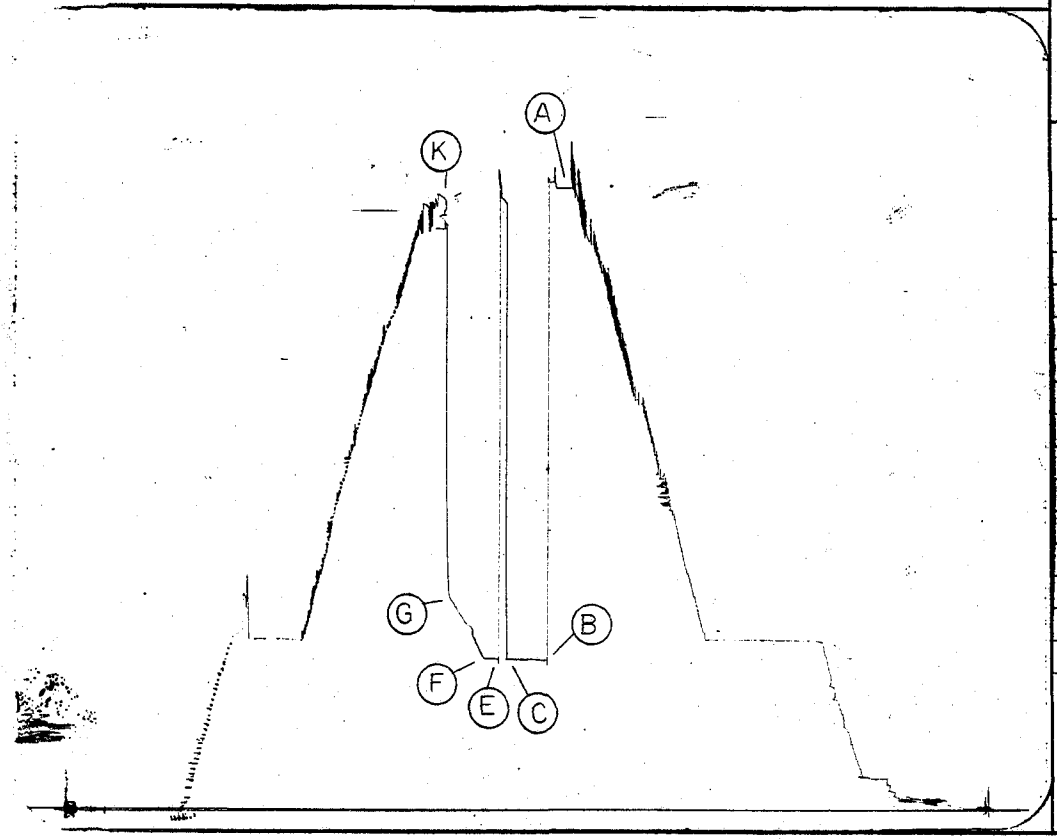
Box 12486
Houston, TX 77017

Operator American Quasar Petroleum Co.
Address See Distribution
Well Name and No. Eden State #2-41
Ticket No. 20912
Date 7-23-80
DST No. 6
No. Final Copies 18

Contractor	Viersen & Cochran Drilling Co.
Rig No.	9
Spot	NE-NE
Sec.	2
Twp.	14 N
Rng.	6 E
Field	Wildcat
County	Rich
State	Utah
Elevation	7080' "K.B."
Formation	Thaynes

Top Choke	1/4"
Bottom Choke	9/16"
Size Hole	8 1/2"
Size Rat Hole	--
Size & Wt. D. P.	4 1/2" 19.50
Size Wt. Pipe	--
I. D. of D. C.	2 1/2"
Length of D. C.	486'
Total Depth	13,693'
Interval Tested	13,515-13,693'
Type of Test	Bottom Hole Conventional

Flow No. 1	60 Min.
Shut-in No. 1	-- * Min.
Flow No. 2	15 Min.
Shut-in No. 2	60 Min.
Flow No. 3	-- Min.
Shut-in No. 3	-- Min.
Bottom Hole Temp.	210°F
Mud Weight	9.1
Gravity	--
Viscosity	58
Tool opened @	8:20 AM



Outside Recorder

PRD Make Kuster AK-1
No. 1478 Cap. 8100 @13,691'

		Press Corrected
Initial Hydrostatic	A	6565
Final Hydrostatic	K	6445
Initial Flow	B	1655
Final Initial Flow	C	1669
Initial Shut-in	D	--
Second Initial Flow	E	1674
Second Final Flow	F	1678
Second Shut-in	G	2327
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, Wyo.
Our Tester: John Webb
Witnessed By: Lewis Almond

Did Well Flow – Gas no Oil no Water no

RECOVERY IN PIPE: Ran 3496' water cushion with ammonia, diesel & amine.
3556' Water cushion, ammonia, diesel & amine = 42.56 bbl.

Top Sample R.W.: .60 @ 90°F = 8100 ppm. Cl.
Middle Sample R.W.: .85 @ 90°F = 5500 ppm. Cl.
Bottom Sample R.W.: .85 @ 90°F = 5500 ppm. Cl.

Blow Description:

1st Flow: Tool opened with a 1/2" underwater blow; decreased and died in 40 minutes and remained thru flow period.

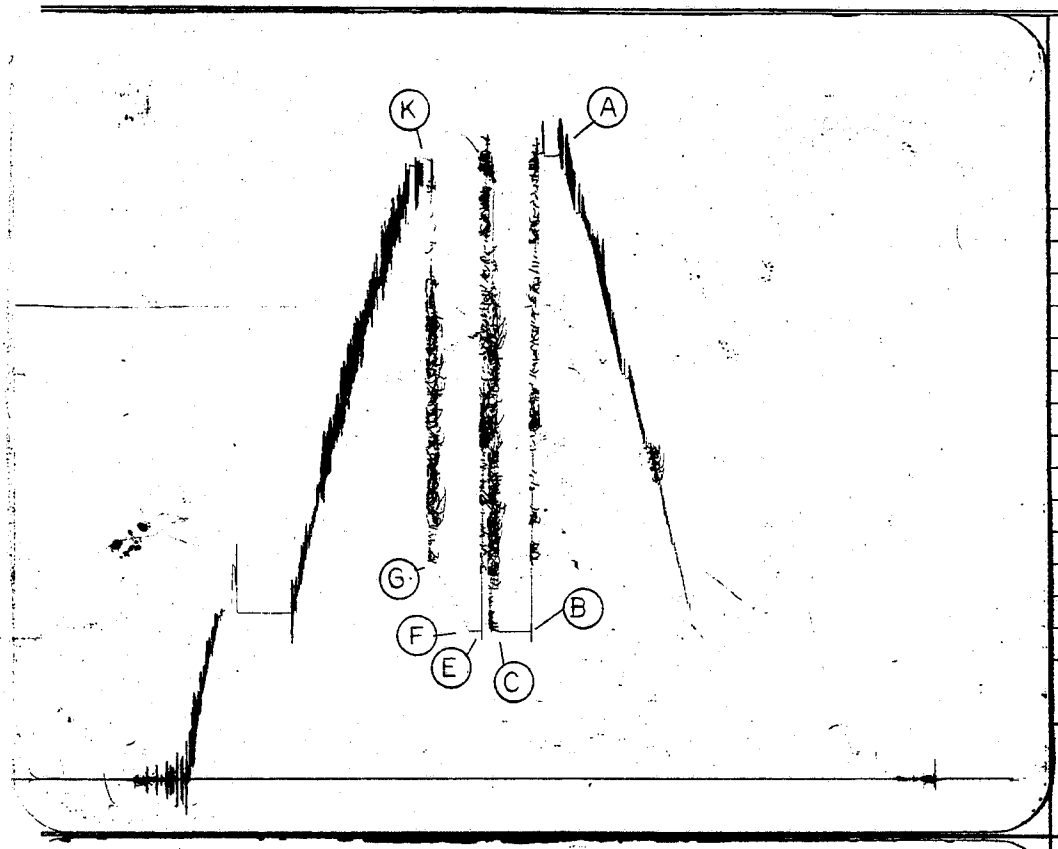
2nd Flow: Tool opened with a very weak blow; died immediately and remained thru flow period.

* Tool was recycled after the initial flow period and then reopened for the final flow.

Form 1
gm

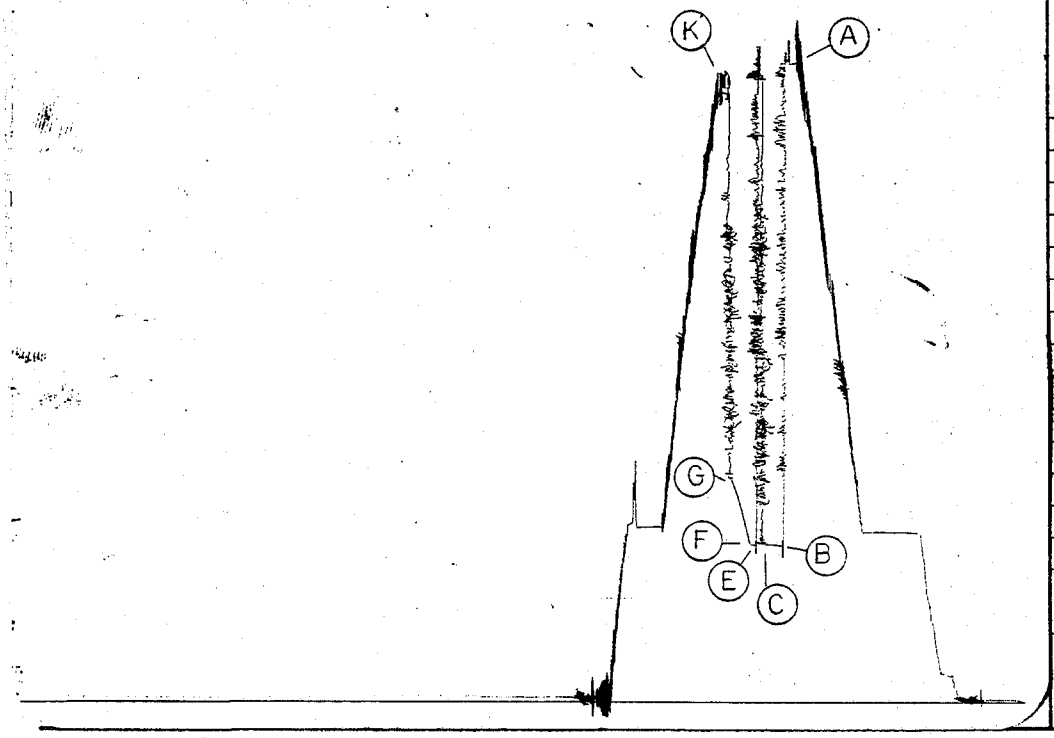
LYNES, INC.

American Quasar Petroleum Co.	Eden State #2-41	6
Operator	Well Name and No.	DST No.



Inside Recorder
PRD Make **Kuster AK-1**
No. 973 Cap. 7900 @ 13,525'

Press		Corrected
Initial Hydrostatic	A	6507
Final Hydrostatic	K	6424
Initial Flow	B	1553
Final Initial Flow	C	1554
Initial Shut-in	D	--
Second Initial Flow	E	1556
Second Final Flow	F	1556
Second Shut-in	G	2287
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		



Inside Recorder
PRD Make **Kuster AK-1**
No. 10239 Cap. 7900 @ 13,530'

Press		Corrected
Initial Hydrostatic	A	6651
Final Hydrostatic	K	6420
Initial Flow	B	1562
Final Initial Flow	C	1570
Initial Shut-in	D	--
Second Initial Flow	E	1568
Second Final Flow	F	1570
Second Shut-in	G	2294
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

Form 3

WELL NAME: EDEN STATE 2-41

DST NUMBER: 006

RECORDER NUMBER: 001478

INTERVAL TESTED: 13515FT TO 13693FT

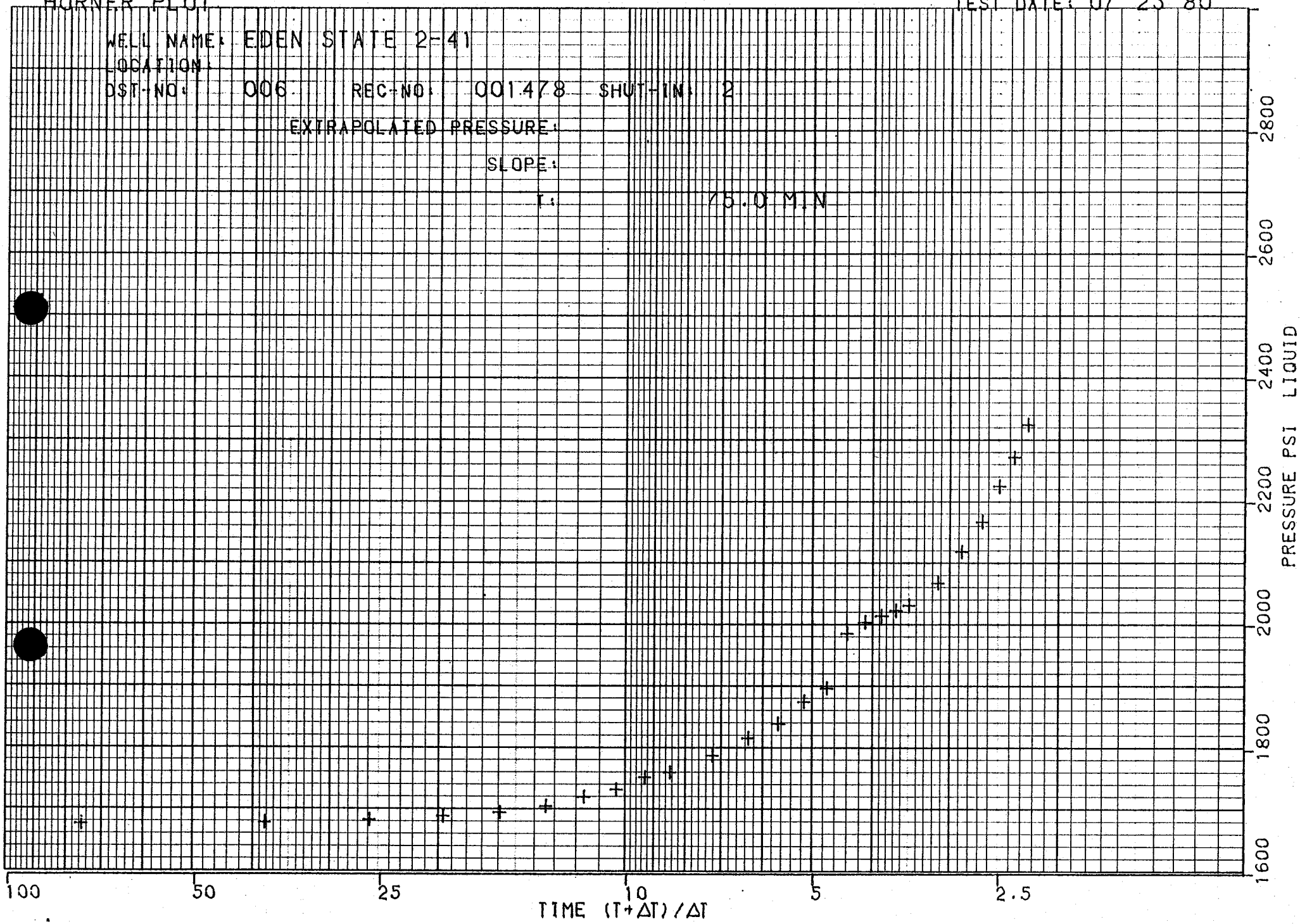
RECORDER DEPTH: 13691.000FT

TOTAL FLOW TIME: 75.0MIN

SECOND SHUT IN PRESSURE (LIQUID)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (PSI)
.0	.0000	1678.0
1.0	76.0000	1682.0
2.0	38.5000	1684.0
3.0	26.0000	1688.0
4.0	19.7500	1694.0
5.0	16.0000	1700.0
6.0	13.5000	1710.0
7.0	11.7143	1725.0
8.0	10.3750	1737.0
9.0	9.3333	1757.0
10.0	8.5000	1765.0
12.0	7.2500	1792.0
14.0	6.3571	1820.0
16.0	5.6875	1843.0
18.0	5.1667	1878.0
20.0	4.7500	1900.0
22.0	4.4091	1988.0
24.0	4.1250	2006.0
26.0	3.8846	2016.0
28.0	3.6786	2025.0
30.0	3.5000	2033.0
35.0	3.1429	2069.0
40.0	2.8750	2120.0
45.0	2.6667	2169.0
50.0	2.5000	2227.0
55.0	2.3636	2274.0
60.0	2.2500	2327.0

The shut-in pressure build-up curve has insufficient character to permit the use of a Horner plot to determine a reliable extrapolated shut-in pressure.


HORNER PLOT
TEST DATE: 07 23 80
WELL NAME: EDEN STATE 2-41
LOCATION:
DST-NO: 006 REC-NO: 001478 SHUT-IN: 2
EXTRAPOLATED PRESSURE:
SLOPE:
T: 75.0 MIN
2800
2600
2400
2200
2000
1800
1600
PRESSURE PSI LIQUID
100
50
25
10
5
2.5
TIME (T+ΔT)/ΔT

Phone
713-790-9132

LYNES, INC

Box 12486
Houston, TX 77017

Operator American Quasar Petroleum Co.

Address See Distribution

Well Name and No. Eden State #2-41

Ticket No. 20882

Date 7-18-80

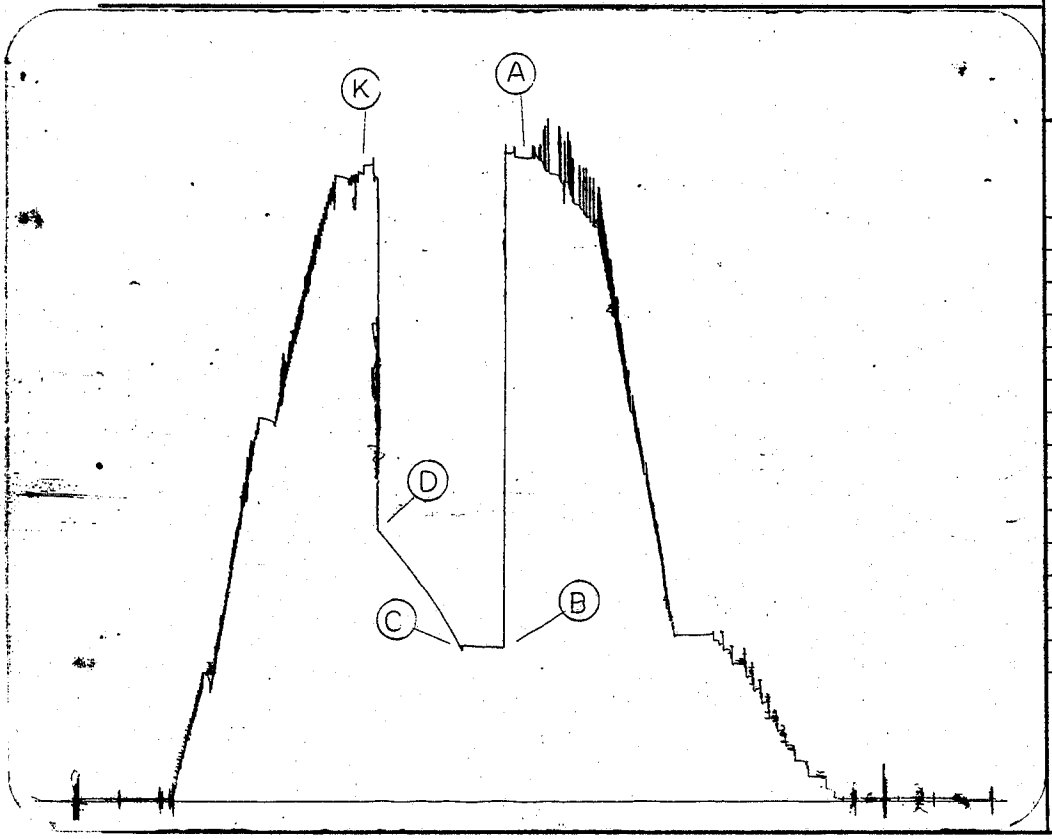
No. Final Copies 18

DST No. 5

Contractor	Vierson & Cochran Drilling Co.
Rig No.	9
Spot	NE-NE
Sec.	2
Twp.	14 N
Rng.	6 E
Field	Wildcat
County	Rich
State	Utah
Elevation	7080' "K.B."
Formation	Thaynes

Top Choke	1/4"
Bottom Choke	9/16"
Size Hole	8 1/2"
Size Rat Hole	--
Size & Wt. D. P.	5" 19.50'
Size Wt. Pipe	--
I. D. of D. C.	2 1/2"
Length of D. C.	644'
Total Depth	13,500'
Interval Tested	13,450-13,500'
Type of Test	Bottom Hole Conventional

Flow No. 1	60 Min.
Shut-in No. 1	120 Min.
Flow No. 2	-- Min.
Shut-in No. 2	-- Min.
Flow No. 3	-- Min.
Shut-in No. 3	-- Min.
Bottom Hole Temp.	211°F
Mud Weight	9.2
Gravity	--
Viscosity	--
Tool opened @	12:01 PM



Inside Recorder

PRD Make Kuster AK-1
No. 10239 Cap. 7900 @ 13435'

Press		Corrected
Initial Hydrostatic	A	6506
Final Hydrostatic	K	6433
Initial Flow	B	1544
Final Initial Flow	C	1540
Initial Shut-in	D	2736
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, Wyo.
Our Tester: Steve Ogden
Witnessed By: Errol Glaze

Did Well Flow — Gas no Oil no Water no
RECOVERY IN PIPE: (ran 3441' water cushion & ammonia)

Pump-out plug broke on trip out of hole.

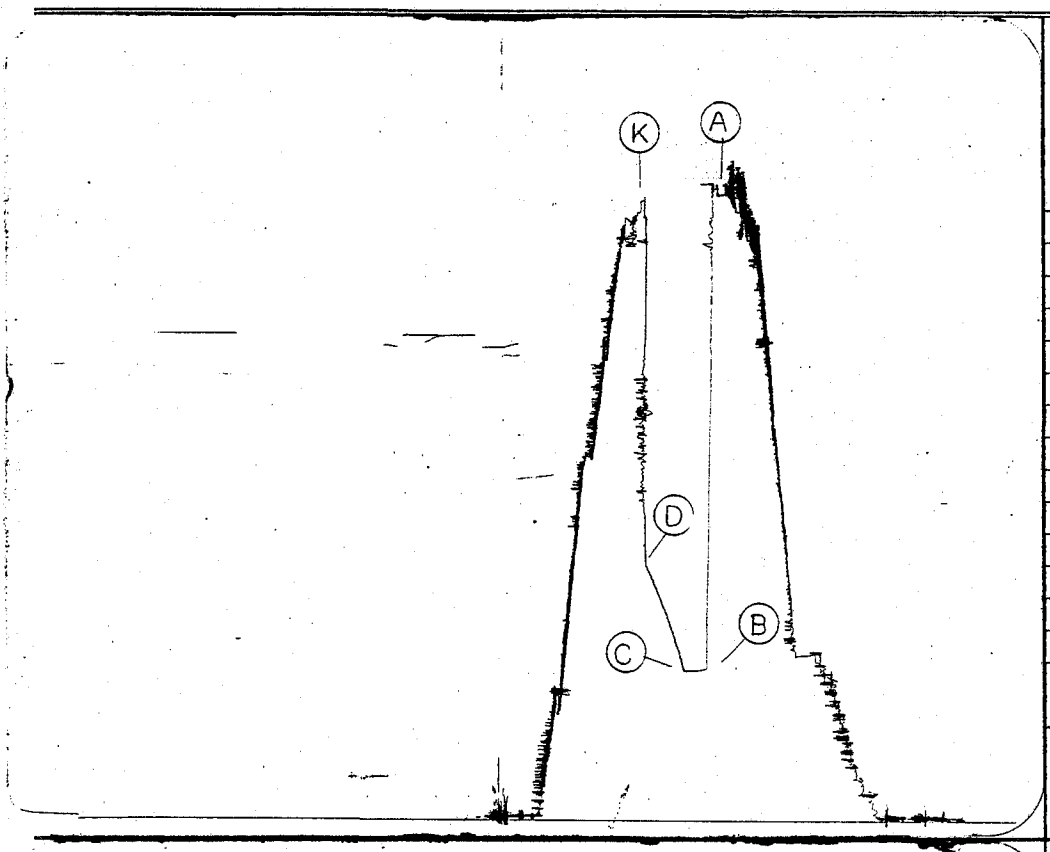
Blow Description:

Tool opened with a weak blow; increased to 5" in 15 minutes, then decreased to 2" at end of flow period.

Form 1

LYNES, INC.

American Quasar Petroleum Co.	Eden State #2-41	5
Operator	Well Name and No.	DST No.

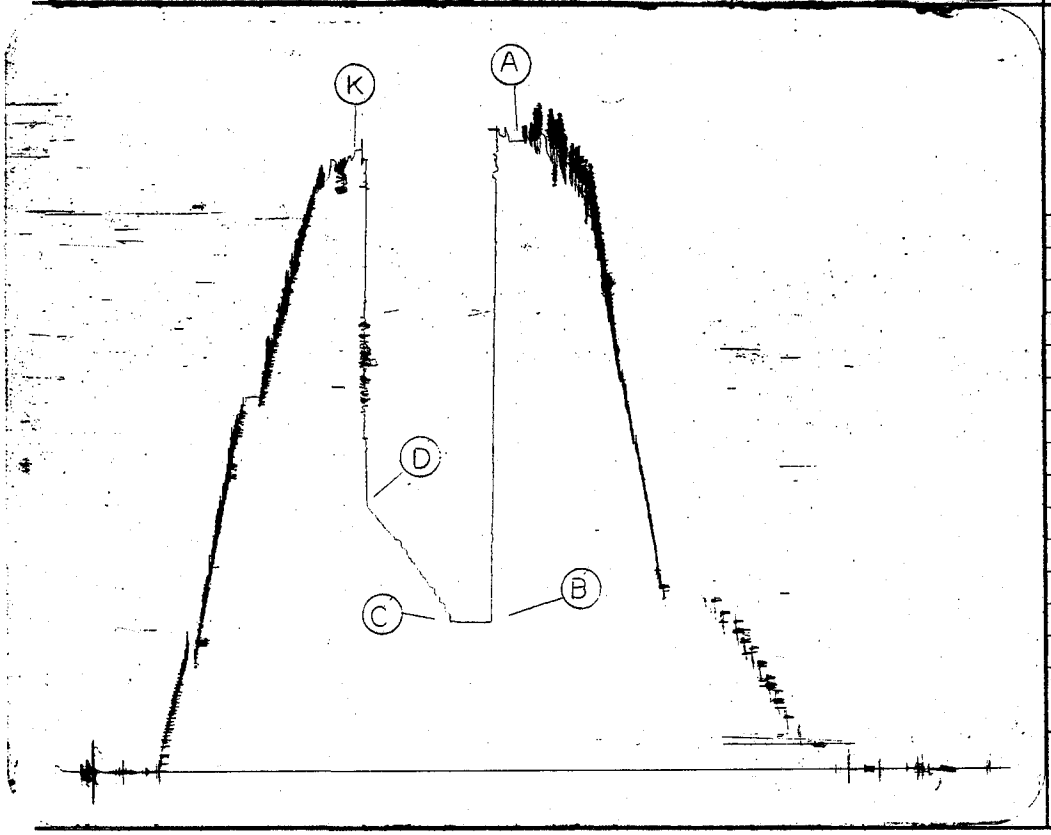


Inside Recorder

PRD Make Kuster AK-1

No. 1478 Cap. 8100 @ 13456'

Press		Corrected
Initial Hydrostatic	A	6518
Final Hydrostatic	K	6444
Initial Flow	B	1557
Final Initial Flow	C	1551
Initial Shut-in	D	2750
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		



Outside Recorder

PRD Make Kuster AK-1

No. 973 Cap. 7900 @ 13466'

Press		Corrected
Initial Hydrostatic	A	6523
Final Hydrostatic	K	6450
Initial Flow	B	1564
Final Initial Flow	C	1558
Initial Shut-in	D	2758
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

Form 3

WELL NAME: EDEN STATE 2-41

DST NUMBER: 005

RECORDER NUMBER: 010239

INTERVAL TESTED: 13450FT TO 13500FT

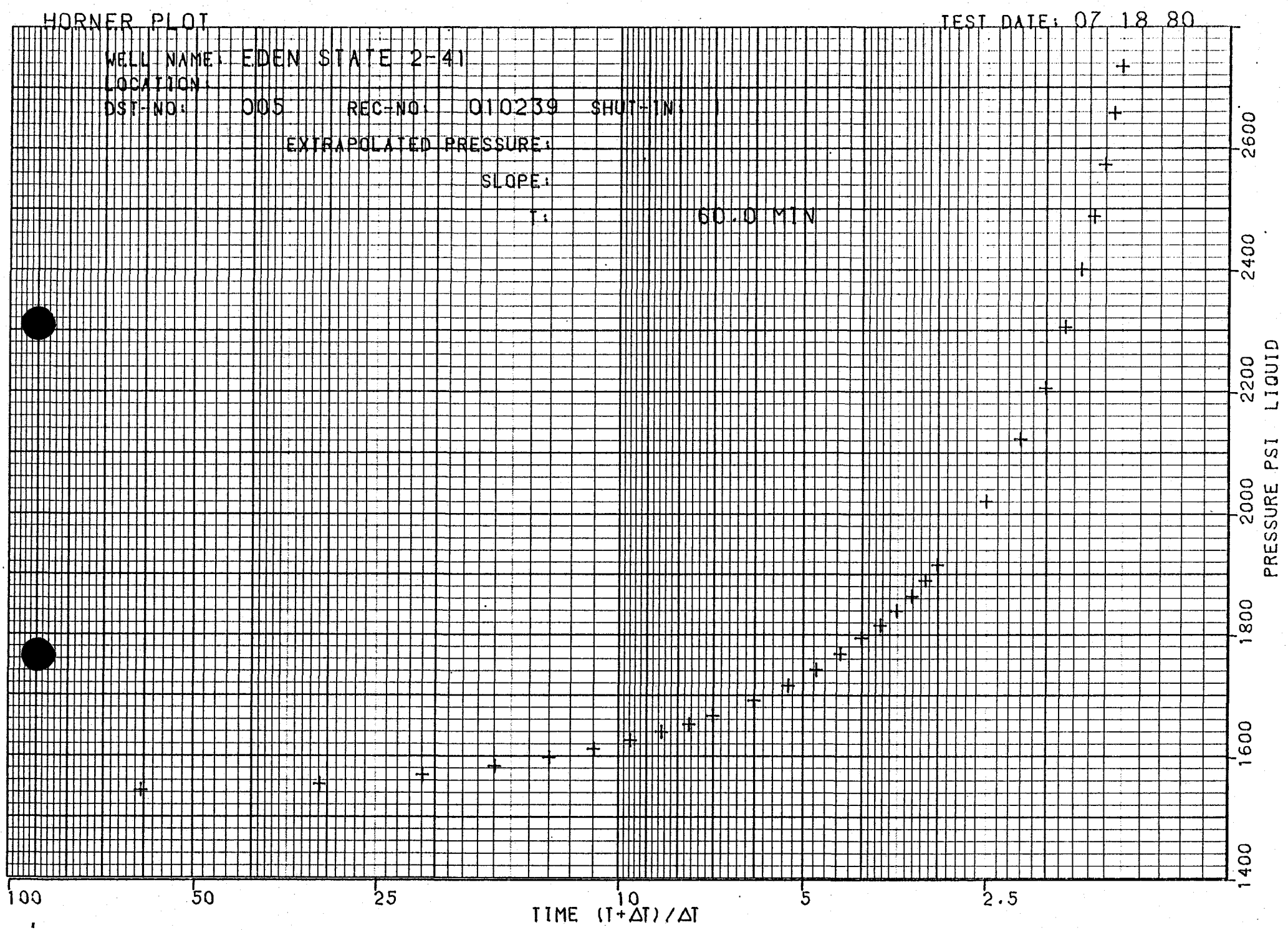
RECORDER DEPTH: 13435.000FT

TOTAL FLOW TIME: 60.0MIN

FIRST SHUT IN PRESSURE (LIQUID)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (PSI)
.0	.0000	1540.0
1.0	61.0000	1548.0
2.0	31.0000	1558.0
3.0	21.0000	1573.0
4.0	16.0000	1587.0
5.0	13.0000	1601.0
6.0	11.0000	1615.0
7.0	9.5714	1629.0
8.0	8.5000	1643.0
9.0	7.6667	1655.0
10.0	7.0000	1669.0
12.0	6.0000	1694.0
14.0	5.2857	1718.0
16.0	4.7500	1744.0
18.0	4.3333	1770.0
20.0	4.0000	1796.0
22.0	3.7273	1817.0
24.0	3.5000	1841.0
26.0	3.3077	1865.0
28.0	3.1429	1891.0
30.0	3.0000	1917.0
40.0	2.5000	2022.0
50.0	2.2000	2125.0
60.0	2.0000	2208.0
70.0	1.8571	2308.0
80.0	1.7500	2403.0
90.0	1.6667	2490.0
100.0	1.6000	2575.0
110.0	1.5455	2659.0
120.0	1.5000	2736.0

The shut-in pressure build-up curve has insufficient character to permit the use of a Horner plot to determine a reliable extrapolated shut-in pressure.


HORNER PLOT
TEST DATE: 07 18 80
WELL NAME: EDEN STATE 2-41
LOCATION:
DST-NO: 005 REC-NO: 010239 SHUT-IN:
EXTRAPOLATED PRESSURE:
SLOPE:
T: 60.0 MIN
2600
2400
2200
2000
1800
1600
1400
PRESSURE PSI LIQUID
100
50
25
10
5
2.5
TIME (T+ΔT)/ΔT

LYNES, INC.

Sampler Report

Company: American Quasar Petroleum Co. Date: 7-18-80

Well Name & No.: Eden State #2-41 Ticket No.: 20882

County: Rich State: Utah

Test Interval: 13,450-13,500' DST No.: 5

Total Volume of Sampler: 2100 cc.

Total Volume of Sample: 550 cc.

Pressure in Sampler: 1300 psig

Oil: None cc.

Water: None cc.

Mud: 550 Gas cut cc.

Gas: 8.5 cu. ft.

Other: None

Sample R.W.: .6 @ 70°F = 10,000 ppm. Cl.

Resistivity

Make Up Water _____ @ _____ of Chloride Content _____ ppm.

Mud Pit Sample R.W. .6 @ 70°F of Chloride Content 10,000 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location

Remarks:

Form 5

LYNES, INC.

Distribution of Final Reports

American Quasar Petroleum Company (Operator) — Eden State #2-41 (Well Name and No.)

Original &

1 Copy: American Quasar Petroleum Company, 707 United Bank Tower, 1700 Broadway, Denver, Colorado 80290, Att. Clare Gregg

3 Copies: American Quasar Petroleum Company, 2500 Ft. Worth National Bank Building, Ft. Worth, Tx. 76102, Att. Bill Bogert

1 Copy: American Quasar Petroleum Company, 204 Superior Bldg., 201 N. Walcott, Casper, Wyoming 82601, Attention: John Sindelar

2 Copies: Utah Oil & Gas Commission, 1588 West, North Temple, Salt Lake City, Utah 84116

3 Copies: El Paso Exploration Company, P.O. Box 990, Farmington, N.Mexico 87401, Att.: R.A. Strum, R.A. Ullrich, Sharon Sacks

3 Copies: C & K Petroleum, Inc., 1600 Broadway, Suite 1700, Denver, CO. 80202 Attention: Dell Wiegand, George Farmar

2 Copies: Impel Energy Corporation, Suite 600, Metrobank Building, 475 17th Street Denver, Colorado 80202, Attention: Marie Neiberger, John Weiner

2 Copies: Lear Petroleum, 2500 First of Denver Plaza, 633 17th Street, Denver, CO. 80202, Attention: Sharon, Travis Brown

Form 6

Phone
713-790-9132

LYNES, INC

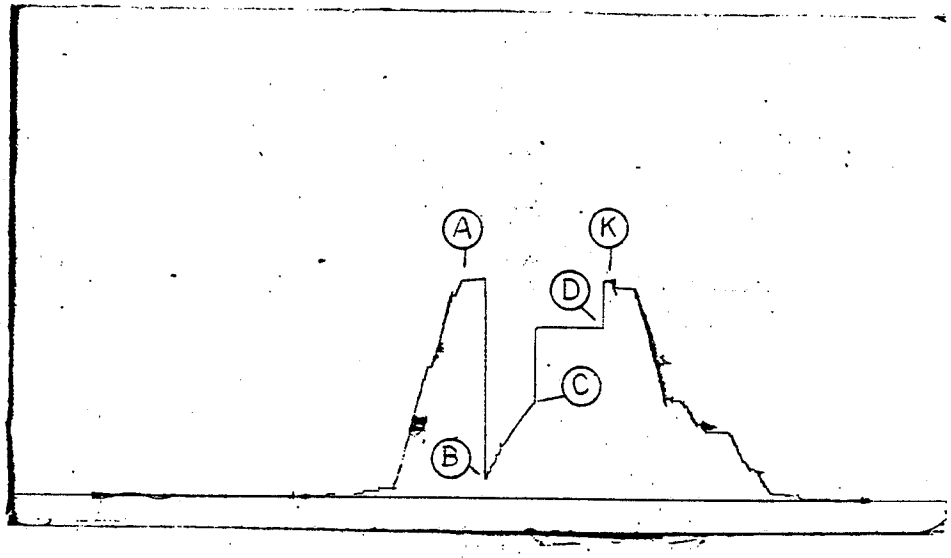
Box 12486
Houston, TX 77017

Operator American Quasar Petroleum Co.
Address See Distribution
Well Name and No. Eden-State #2-41
Ticket No. 20733
Date 3-24-80
DST No. 2
No. Final Copies 18

Contractor	Veirson-Cochran	Top Choke	1/4"
Rig No.	9	Bottom Choke	9/16"
Spot	NE-NE	Size Hole	12 1/4"
Sec.	2	Size Rat Hole	--
Twp.	14 N	Size & Wt. D. P.	4 1/2" 19.50
Rng.	6 E	Size Wt. Pipe	--
Field	Wildcat	I. D. of D. C.	2 1/2"
County	Rich	Length of D. C.	210'
State	Utah	Total Depth	8193'
Elevation	7080' K.B.	Interval Tested	7990-8193'
Formation	Phosphoria	Type of Test	Bottom Hole Conventional

Flow No. 1	90	Min.
Shut-in No. 1	120	Min.
Flow No. 2	--	Min.
Shut-in No. 2	--	Min.
Flow No. 3	--	Min.
Shut-in No. 3	--	Min.
Bottom Hole Temp.	--	
Mud Weight	8.7	
Gravity	--	
Viscosity	39	

Tool opened @ 11:40AM



Outside Recorder

PRD Make Kuster K-3
No. 19011 Cap. 7750 @ 8000'

Press		Corrected
Initial Hydrostatic	A	3621
Final Hydrostatic	K	3621
Initial Flow	B	325
Final Initial Flow	C	1605
Initial Shut-in	D	2853
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, Wy.
Our Tester: Stormy Hayes
Witnessed By: Lewis Almond

Did Well Flow – Gas no Oil no Water no

RECOVERY IN PIPE:
3728' Total Fluid. (Ran 220' water, ammonia & petromine cushion)
180' Water = 2.55 bbl.
40' Ammonia & petromine = 0.56 bbl.
3508' Highly H_2S cut mud & water = 48.11 bbl.

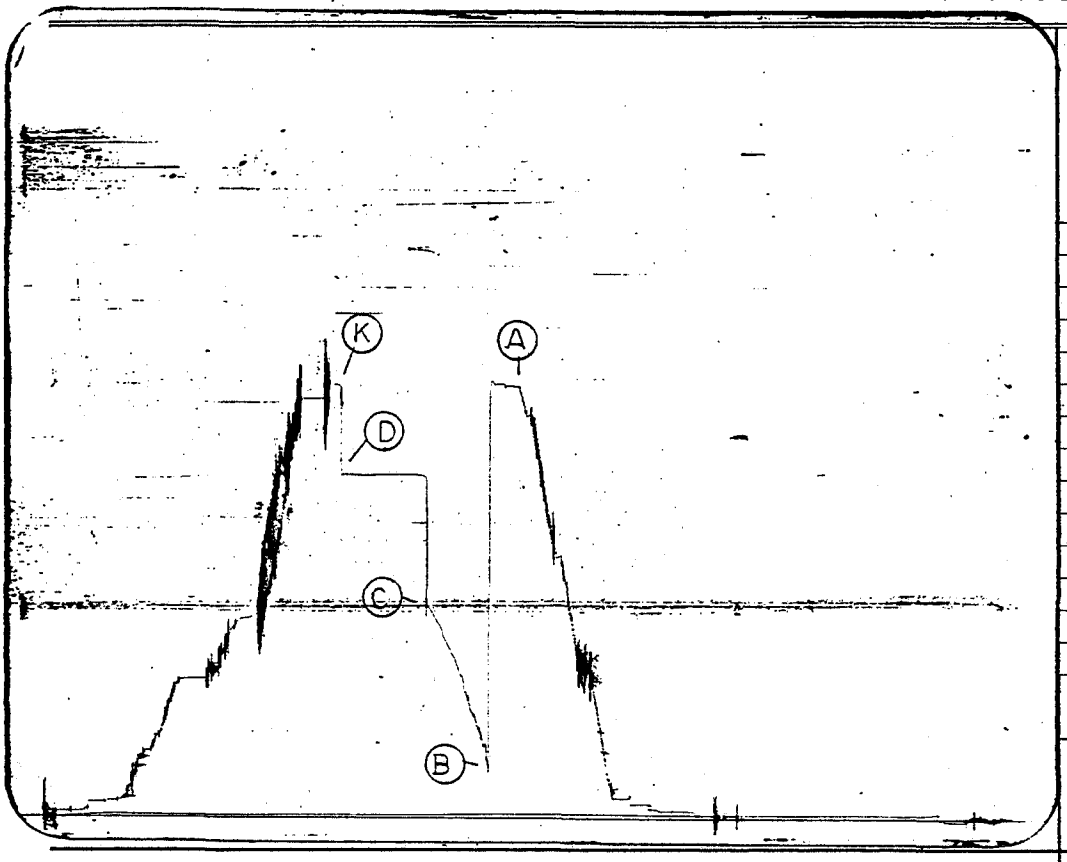
Top Sample R.W.: 4.0 @ 60°F = 1600 ppm. chl.
Middle Sample R.W.: 1.4 @ 65°F = 4500 ppm. chl.
Bottom Sample R.W.: 1.5 @ 65°F = 4200 ppm. chl.

Blow Description: Tool opened with a weak blow, increased to bottom of bucket in 9 minutes with 2.5 psi thru remainder of flow period.

Form 1
cd

LYNES, INC.

American Quasar Petroleum Co. (Operator) | Eden-State #2-41 (Well Name and No.) | 2 (DST No.)

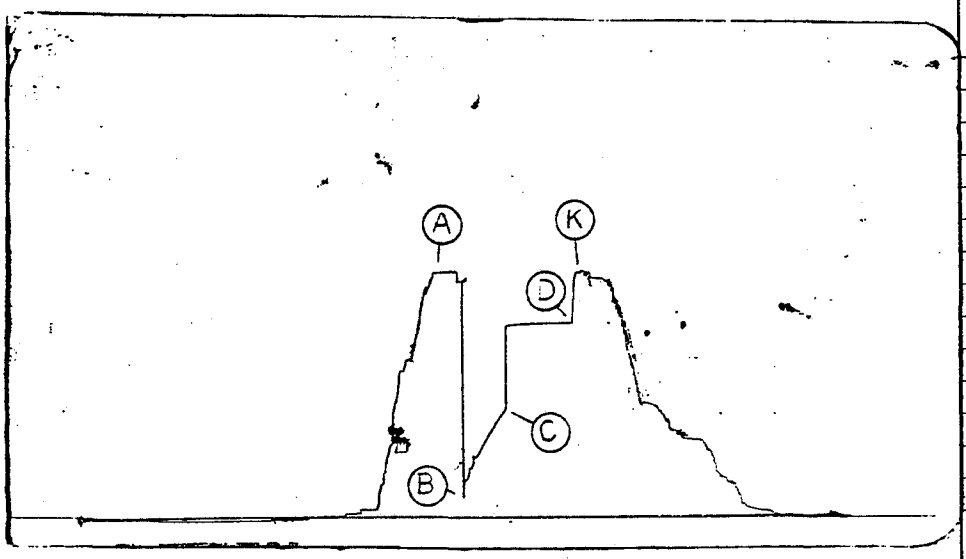


Outside Recorder

PRD Make Kuster AK-1

No. 10237 Cap. 6650 @ 8025'

Press		Corrected
Initial Hydrostatic	A	3642
Final Hydrostatic	K	3642
Initial Flow	B	349
Final Initial Flow	C	1626
Initial Shut-in	D	2867
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		



Outside Recorder

PRD Make Kuster K-3

No. 16839 Cap. 6975 @ 7995'

Press		Corrected
Initial Hydrostatic	A	3619
Final Hydrostatic	K	3619
Initial Flow	B	309
Final Initial Flow	C	1597
Initial Shut-in	D	2849
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

Form 3

WELL NAME: EDEN-STATE 2-41

DST NUMBER: 002

RECORDER NUMBER: 019011

INTERVAL TESTED: 7990FT TO 8193FT

RECORDER DEPTH: 8000.000FT

TOTAL FLOW TIME: 90.0MIN

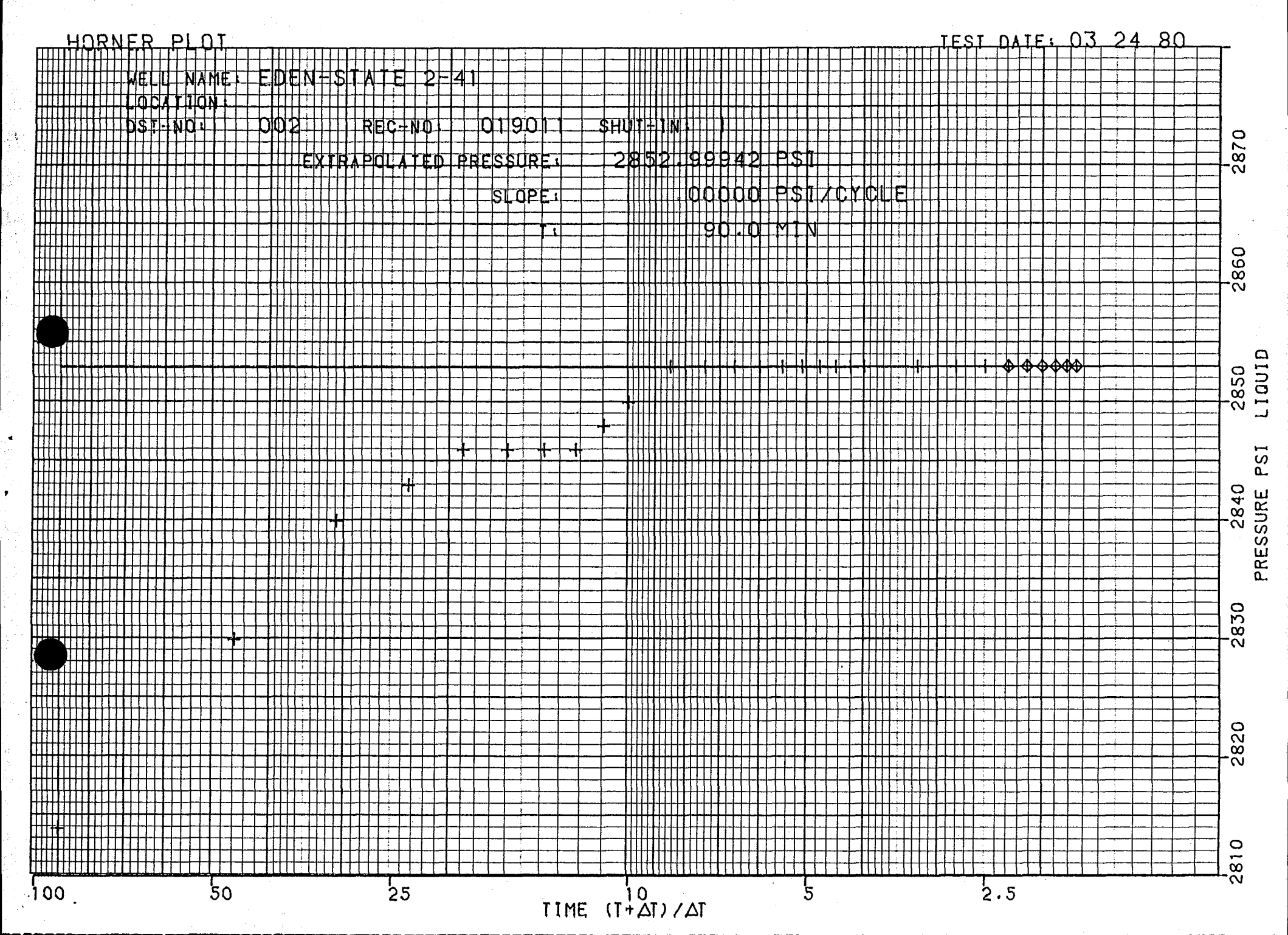
FIRST SHUT IN PRESSURE (LIQUID)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (PSI)	
.0	.0000	1605.0	
1.0	91.0000	2814.0	
2.0	46.0000	2830.0	
3.0	31.0000	2840.0	
4.0	23.5000	2843.0	
5.0	19.0000	2846.0	
6.0	16.0000	2846.0	
7.0	13.8571	2846.0	
8.0	12.2500	2846.0	
9.0	11.0000	2848.0	
10.0	10.0000	2850.0	
12.0	8.5000	2853.0	
14.0	7.4286	2853.0	
16.0	6.6250	2853.0	
18.0	6.0000	2853.0	
20.0	5.5000	2853.0	
22.0	5.0909	2853.0	
24.0	4.7500	2853.0	
26.0	4.4615	2853.0	
28.0	4.2143	2853.0	
30.0	4.0000	2853.0	
40.0	3.2500	2853.0	
50.0	2.8000	2853.0	
60.0	2.5000	2853.0	
70.0	2.2857	2853.0	*
80.0	2.1250	2853.0	*
90.0	2.0000	2853.0	*
100.0	1.9000	2853.0	*
110.0	1.8182	2853.0	*
120.0	1.7500	2853.0	*

* VALUES USED IN HORNER ANALYSIS

SLOPE: .00000 PSI/CYCLE

EXTRAPOLATED PRESSURE: 2853.0 PSI


HORNER PLOT
TEST DATE: 03 24 80
WELL NAME: EDEN-STATE 2-41
LOCATION:
DST-NO: 002 REC-NO: 019011 SHUT-IN: 1
EXTRAPOLATED PRESSURE: 2852.99942 PSI
SLOPE: .00000 PSI/CYCLE
T: 90.0 MIN
2870
2860
2850
2840
2830
2820
2810
PRESSURE PSI LIQUID
100
50
25
10
5
2.5
TIME (T+ΔT)/ΔT

LYNES, INC.

Sampler Report

Company: American Quasar Petroleum Co. Date: 3-24-80

Well Name & No.: Eden-State #2-41 Ticket No.: 20733

County: Rich State: Utah

Test Interval: 7990-8193' DST No.: 2

Total Volume of Sampler: 2150 cc.

Total Volume of Sample: 1950 cc.

Pressure in Sampler: 120 psig

Oil: None cc.

Water: 1950 H_2S cut sulfur water cc.

Mud: None cc.

Gas: None cu. ft.

Other: None

Sample R.W.: 1.5 @ 65°F = 4200 ppm. chl.

Resistivity

Make Up Water R.W.: 8.0 @ 65°F of Chloride Content 720 ppm.

Mud Pit Sample R.W.: 1.5 @ 60°F of Chloride Content 4600 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location.

Remarks:

Form 5

LYNES, INC.

Distribution of Final Reports

Operator American Quasar Petroleum Co. Well Name and No. Eden State #2-41

Original: American Quasar Petroleum Co., 204 Superior Bldg., 201 N. Wolcott, Casper, Wyoming 82601 Attn: John Sindelar

2 copies: American Quasar Petroleum Co., 707 United Bank Tower, 1700 Broadway, Denver, Colorado 80290 Attn: Clare Gregg & Jim Brown

3 copies: American Quasar Petroleum Co., 2500 Ft. Worth National Bank Bldg, Fort Worth, Texas 76102 Attn: Bill Bogert

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2 copies: Lear Petroleum, 2500 First of Denver Plaza, 633 17th Street, Denver, Colorado 80202 Attn: Sharon, Travis Brown

2 copies: Utah Oil & Gas Conservation Commission, 1588 West, North Temple, Salt Lake City, Utah 84116

Form 6

Phone
713-790-9132

LYNES, INC.

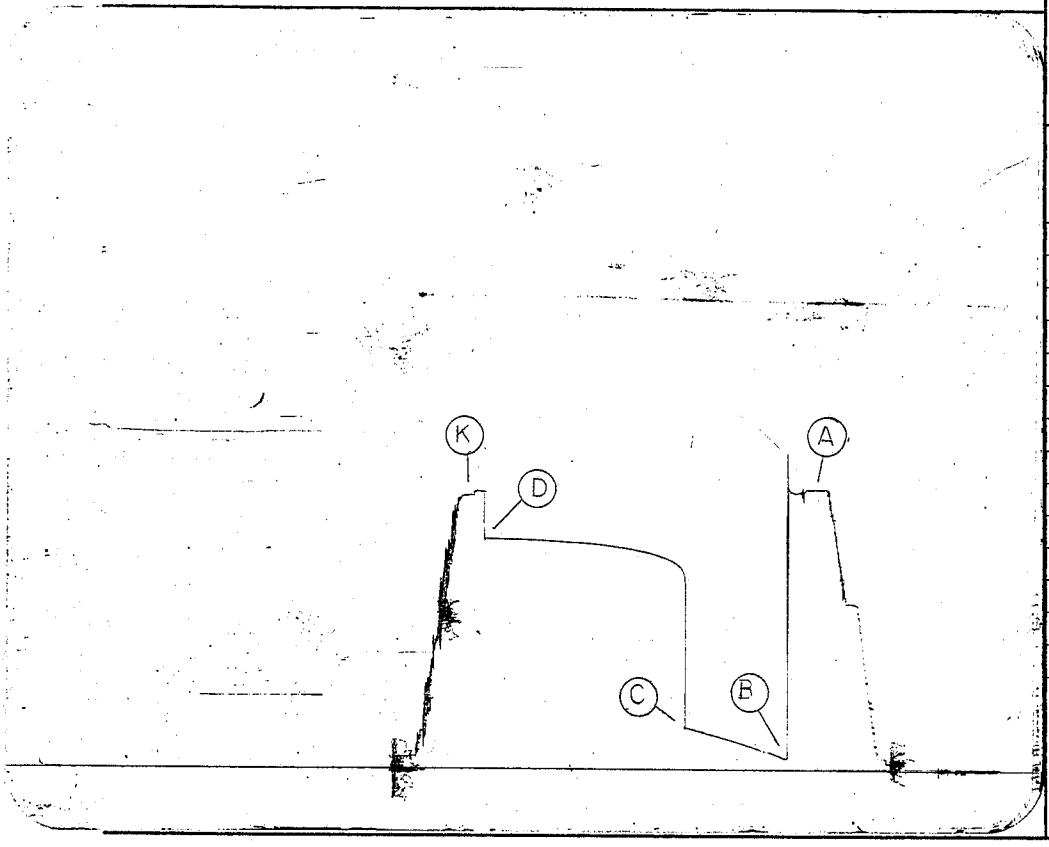
Box 12486
Houston, TX 77017

Operator American Quasar Petroleum Co.
Address See Distribution
Well Name and No. Eden State #2-41
Ticket No. 20493
Date 1-18-80
DST No. 1
No. Final Copies 18

Contractor	Viersen & Cochran Drlg. Co.
Rig No.	9
Spot	NE-NE
Sec.	2
Twp.	14 N
Rng.	6 E
Field	Wildcat
County	Rich
State	Utah
Elevation	7080' K.B.
Formation	Thaynes

Top Choke	1"
Bottom Choke	9/16"
Size Hole	12 1/2"
Size Rat Hole	--
Size & Wt. D. P.	4 1/2" 16.60
Size Wt. Pipe	--
I. D. of D. C.	2 3/4"
Length of D. C.	182'
Total Depth	4365'
Interval Tested	4175-4365'
Type of Test	Bottom Hole Conventional

Flow No. 1	150 Min.
Shut-in No. 1	300 Min.
Flow No. 2	-- Min.
Shut-in No. 2	-- Min.
Flow No. 3	-- Min.
Shut-in No. 3	-- Min.
Bottom Hole Temp.	137°F
Mud Weight	8.5
Gravity	--
Viscosity	35
Tool opened @	1:23PM



Inside Recorder

PRD Make Kuster AK-1
No. 3812 Cap. 5100 @ 4153'

Press		Corrected
Initial Hydrostatic	A	1830
Final Hydrostatic	K	1809
Initial Flow	B	90
Final Initial Flow	C	295
Initial Shut-in	D	1530
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, Wy.
Our Tester: Myron L. Whiting
Witnessed By: Louis Almond

Did Well Flow – Gas no Oil no Water no
RECOVERY IN PIPE: 570' Drilling mud.

Top Sample R.W.: 1.3 @ 60°F = 5400 ppm. chl.
Middle Sample R.W.: 1.1 @ 52°F = 7100 ppm. chl.
Bottom Sample R.W.: 1.3 @ 50°F = 6200 ppm. chl.

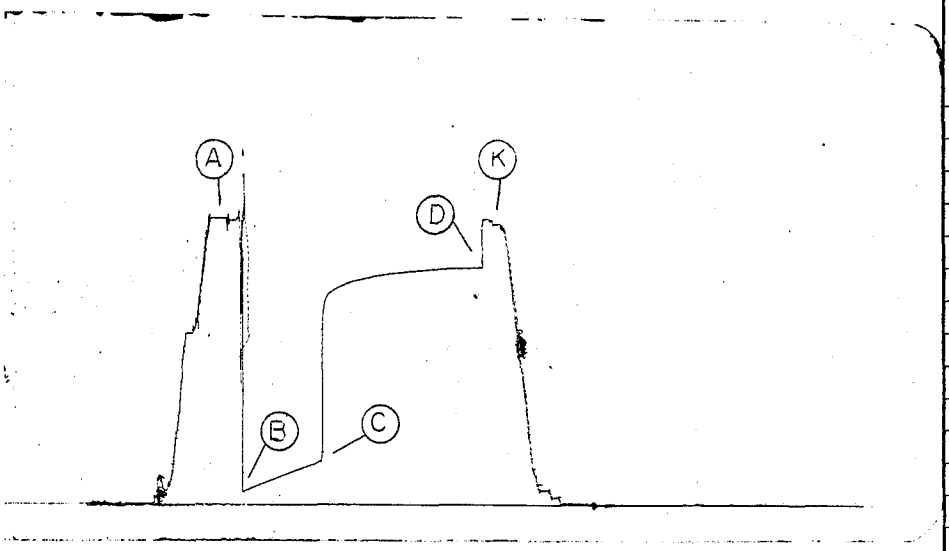
Blow Description: Tool opened with a 4" underwater blow, increased to bottom of bucket in 105 minutes; started decreasing after 140 minutes and decreased throughout remainder of flow period.

Form 1

cd

LYNES, INC.

American Quasar Petroleum Co.	Eden State #2-41	1
Operator	Well Name and No.	DST No.



Inside Recorder

PRD Make Kuster K-3

No. 9987 Cap. 3000 @ 4148'

Press		Corrected
Initial Hydrostatic	A	1830
Final Hydrostatic	K	1806
Initial Flow	B	87
Final Initial Flow	C	291
Initial Shut-in	D	1523
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

PRD Make_____

No._____ Cap._____ @_____

Press		Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	
Pressure Below Bottom Packer Bled To		

Form 3

WELL NAME: EDEN STATE 2-41

WELL LOCATION:

DST NUMBER: 001

RECORDER NUMBER: 003812

INTERVAL TESTED: 4175FT TO 4365FT

RECORDER DEPTH: 4153.000FT

TOTAL FLOW TIME: 150.0MIN

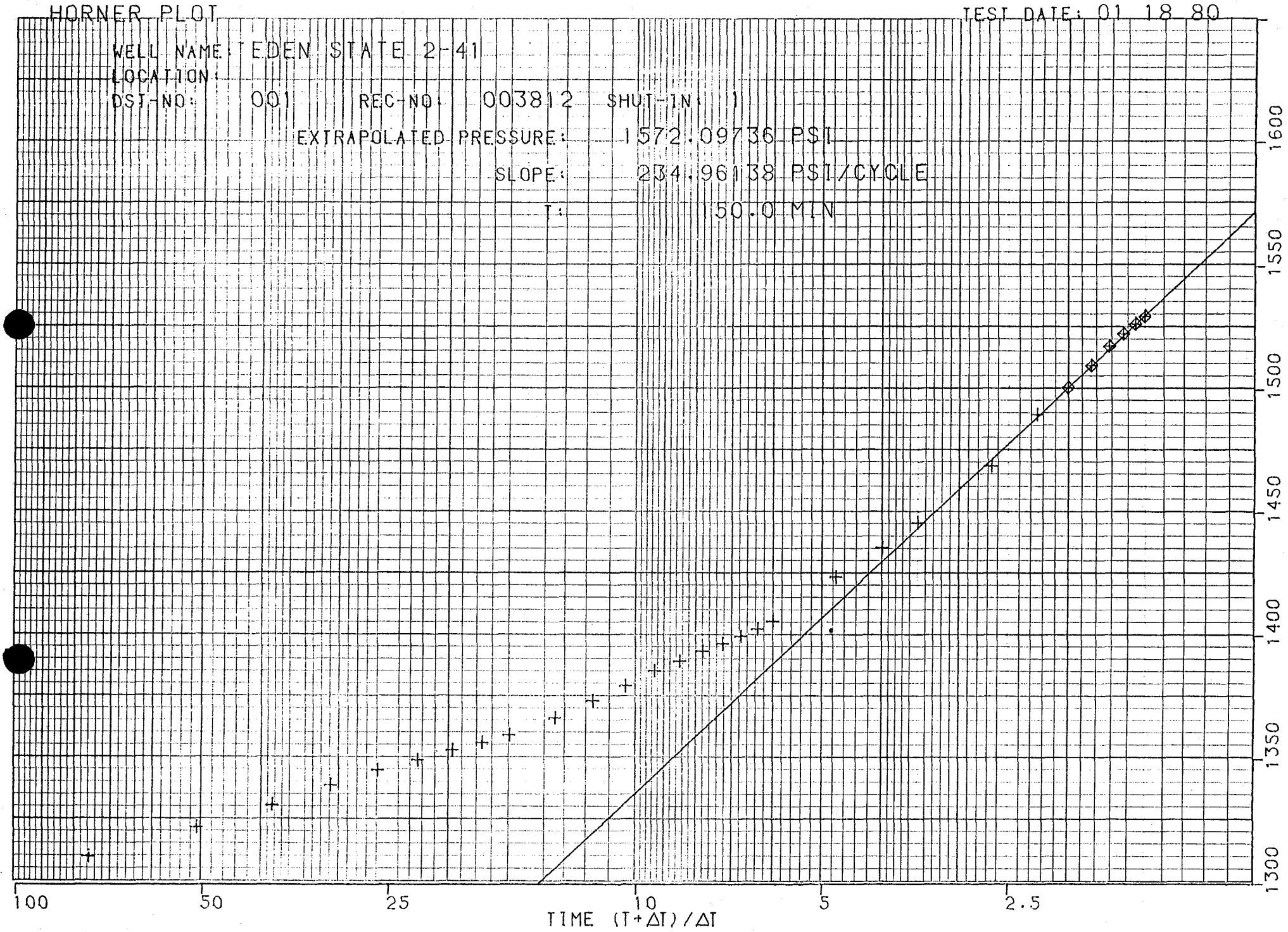
FIRST SHUT IN PRESSURE (LIQUID)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (PSI)	
.0	.0000	295.0	
1.0	151.0000	1298.0	
2.0	76.0000	1311.0	
3.0	51.0000	1323.0	
4.0	38.5000	1332.0	
5.0	31.0000	1340.0	
6.0	26.0000	1346.0	
7.0	22.4286	1350.0	
8.0	19.7500	1354.0	
9.0	17.6667	1357.0	
10.0	16.0000	1360.0	
12.0	13.5000	1367.0	
14.0	11.7143	1374.0	
16.0	10.3750	1380.0	
18.0	9.3333	1386.0	
20.0	8.5000	1390.0	
22.0	7.8182	1394.0	
24.0	7.2500	1397.0	
26.0	6.7692	1400.0	
28.0	6.3571	1403.0	
30.0	6.0000	1406.0	
40.0	4.7500	1424.0	
50.0	4.0000	1436.0	
60.0	3.5000	1446.0	
90.0	2.6667	1469.0	
120.0	2.2500	1490.0	
150.0	2.0000	1501.0	*
180.0	1.8333	1510.0	*
210.0	1.7143	1518.0	*
240.0	1.6250	1523.0	*
270.0	1.5556	1527.0	*
300.0	1.5000	1530.0	*

* VALUES USED IN HORNER ANALYSIS

SLOPE: 234.96138 PSI/CYCLE

EXTRAPOLATED PRESSURE: 1572.1 PSI


HORNER PLOT
TEST DATE: 01 18 80
WELL NAME: EDEN STATE 2-41
LOCATION:
DST-NO: 001 REC-NO: 003812 SHUT-IN:
EXTRAPOLATED PRESSURE: 1572.09736 PSI
SLOPE: 234.96138 PSI/CYCLE
T: 150.0 MIN
1600
1550
1500
1450
1400
1350
1300
PRESSURE PSI LIQUID
100
50
25
10
5
2.5
TIME (T+ΔT)/ΔT

LYNES, INC.

Sampler Report

Company: American Quasar Petroleum Co. Date: 1-18-80

Well Name & No.: Eden State #2-41 Ticket No.: 20493

County: Rich State: Utah

Test Interval: 4175-4365' DST No.: 1

Total Volume of Sampler: 2150 cc.

Total Volume of Sample: 1300 cc.

Pressure in Sampler: 0 psig

Oil: None cc.

Water: None cc.

Mud: 1300 cc.

Gas: None cu. ft.

Other: None

Sample R.W.: .8 @ 50°F = 10,000 ppm. chl.

Resistivity

Make Up Water Fresh @ _____ of Chloride Content _____ ppm.

Mud Pit Sample 1.1 @ 50°F of Chloride Content 7500 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location.

Remarks:

Form 5

LYNES, INC.

Distribution of Final Reports

Operator American Quasar Petroleum Co. Well Name and No. Eden State #2-41

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2 copies: Utah Oil & Gas Conservation Commission, 1588 West, North Temple, Salt Lake City, Utah 84116

Form 6

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER: Drilling

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.,C & K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			☒
(Other)	☐			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 7/1-31/80
(see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 8/5/80

John F. Sindelar

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/1/80 212 days - Drlg. in Woodside sh & anhy @ 12,579'. Drld. 102' in 20 hrs. MW 9.0; visc 52; WL 8.9; pH 11.0. Surveys: 16° @ 12,516'; 17° @12,547'. Bit #43 has drld. 221' in 45 hrs. Drlg. wt 20-55,000#; RPM 35-65.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

7/2/80 213 days - Tripping for bit @ 12,610'. Drld. 31' of Woodside-Dinwoody in 10½ hrs. MW 8.9; visc 58; WL 9.0; pH 10.5. Survey: 16½° @ 12,600'. Now pulling bit #43 @ 12,610'. Bit drld. 252' in 55½ hrs.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/3/80 214 days - Drlg. in Dinwoody-Woodside @ 12,658'. Drld. 48' in 11 hrs. MW 9.0; visc 57; WL 8.8; pH 10.5. Survey: 14-3/4° @ 12,620'. Ran bit #44 (8½" Sec S86F - s/n 906791) @ 12,610'. Bit has drld. 48' in 11½ hrs. Drlg.wt 25,000#; RPM 60.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/4/80 215 days - Drlg. in Dinwoody-Woodside @ 12,722'. Drld. 64' in 21 hrs. Survey: 14-3/4° @ 12,703'. Bit #44 has drld. 112' in 32½ hrs. Drlg. wt 25,000#; RPM 60.

7/5 216 days - Tripping for bit @ 12,792'. Drld. 69' in 19 hrs. Survey: 15° @ 12,764'. Now pulling bit #44 @ 12,792'. Bit drld. 182' in 51½ hrs.

7/6 217 days - Drlg. in Dinwoody-Woodside @ 12,825'. Drld. 33' in 8½ hrs. Survey: 16° @ 12,825'. Fin. pulling bit #44 @ 12,792'. Dull grade 4-4-I. Ran bit #45 (8½" Smith F4 - s/n AN2410). Bit has drld. 33' in 8½ hrs. Drlg. wt 47,000#; RPM 35.

7/7 218 days - Circ., prep to pull bit #45 @ 12,881'. Drld. 56' of Dinwoody-Woodside in 18½ hrs. MW 8.9; visc 58; WL 8.9; pH 11.5. Survey: 19° @ 12,830'. Bit #45 has drld. 89' in 27 hrs. Now prep to POH.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/8/80 219 days - Drlg. in Dinwoody (?) @ 12,918'. Drld. 37' in 8 hrs. MW 9.0; visc 57; WL 8.6; pH 11.5. Survey: 21° @ 12,888'. Pulled bit #45 @ 12,881'. Dull grade 7-3-I. Ran bit #46 (8½" Smith F5 - s/n AK3951). Bit has drld. 37' in 8 hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/9/80 220 days - Prep to TOH @ 13,002'. Drld. 84' of Thaynes ls in 16 hrs. MW 9.1; visc 59; WL 8.0; pH 11.5. Survey: 21° @ 12,947'. Bit #46 has drld. 121' in 24 hrs. Now prep to POH.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/10/80 221 days - Drlg. in Thaynes sh & ls @ 13,042'. Drld. 40' in 12 hrs. MW 9.0; visc 58; WL 8.0; pH 11.5. Survey: ? @ 13,002'. Fin. pulling bit #46 @ 13,002'. Dull grade 3-3-I. Ran bit #47 (8½" Sec M84F - s/n 728782). Bit has drld. 40' in 12 hrs. Will run direct. survey due to erratic dev. surveys. Drlg. wt 25,000#; RPM 60.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/11/80 222 days - TIH w/bit #RR47 @ 13,079'. Drld. 37' of Thaynes sh & ls in 7 hrs. MW 9.0; visc 53; WL 8.3; pH 11.5. POH. Ran Sperry-Sun open-hole gyroscope. Dev. @ 13,052': 21.83°. (Survey instrument we had been using was erratic.) Now TIH w/bit #RR47 @ 13,079'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/12/80 223 days - Drlg. in Thaynes sh @ 13,157'. Drld. 78' in 13½ hrs. Survey: 26½° @ 13,143'. Bit #47 has drld. 155' in 32½ hrs. Drlg. wt 50,000#; RPM 35.
7/13 224 days - Drlg. in Thaynes sh @ 13,187'. Drld. 30' in 6½ hrs. Survey: 28° E 6° N @ 13,164'. Pulled bit #47 @ 13,164'. Bit drld. 162' in 34 hrs. Dull grade 2-3-I. Ran bit #48 (8½" Sec S84F - s/n 903363). Bit has drld. 23' in 5 hrs. Installed 46' pendulum on trip. Drlg. wt 40,000#; RPM 35.
7/14 225 days - Drlg. in Thaynes sh & ls @ 13,282'. Drld. 95' in 17½ hrs. MW 9.2; visc 57; WL 7.2; pH 11.5. Surveys: 28½° @ 13,190'; 29° E 3° N @ 13,282'. Bit #48 has drld. 118' in 22½ hrs. Drlg.wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

7/15/80 226 days - POH w/bit @ 13,373'. Drld. 91' of Thaynes sh & ls in 15½ hrs. MW 9.1; visc 57; WL 8.5; pH 11.5. Survey: 29° N 2° E @ 13,347'. Now pulling bit #48 @ 13,373'. Bit drld. 209' in 38 hrs.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/16/80 227 days - Drlg. in ls @ 13,400'. Drld. 27' in 5½ hrs. MW 9.0; visc 58; WL 7.6; pH 11.5. Fin. pulling bit #48 @ 13,373'. Dull grade 3-2-I. Ran bit #49 (8½" Smith F2 - s/n BD1322). Bit has drld. 27' in 5½ hrs. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/17/80 228 days - Drlg. in silt & ss @ 13,489'. Drld. 89' in 18 hrs. MW 8.9; visc 76; WL 8.3; pH 11.0. Survey: 28-3/4° S 60° E @ 13,477'. Bit #49 has drld. 116' in 23½ hrs. From 13,465' to 13,480', BGG incr. from tr to 190 units; declined from 190 units to constant 30 units after 13,480'. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

7/18/80 229 days - TD 13,500'. Drld. 11' of sd & sltstn in 4 hrs. TIH w/DST #5. MW 9.2; visc 54; WL 8.6; pH 11.0. Survey: 29° S 60° E @ 13,500'. Pulled bit #49 @ 13,500'. Bit drld. 127' in 27½ hrs. Dull grade 7-3-I. FU test tools. Now TIH prep to run DST #5 - 13,450-13,500'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

7/19/80 230 days - TIH w/bit @ 13,500'. Ran DST #5 - 13,450-13,500' (Thaynes) - w/3441' WC. TO 60 min--w/wk blow, incr. to fair blow in 15 min., grad. declined to wk blow in 60 min; SI 120 min. Pulled DST #5 to rec. 3441' WC--n.s. Bomb depth 13,435'. BHT 211° F. IHP 6565; IFP 1565; FFP 1575; FSIP 2746; FHP 6427. Smplr cap: 2100 cc's; rec. @ 1500 psi, 8.5 cuft gas w/no H_2S, + 550 cc's mud. Mud filtrate: 2500 ppm chl's. Smplr filtrate 10,000 ppm chl's. Now running bit #RR48 (8½" Sec S86F - s/n 903263) @ 13,500'.

7/20 231 days - Drlg. in Thaynes ls @ 13,563'. Drld. 63' in 14½ hrs. Survey: 29° S 60° E @ 13,539'. Fin. TIH w/bit #RR48 @ 13,500'. Bit has drld. 63' in 14½ hrs. BGG: 28 units; conn. gas: 180 units. Drlg. wt 50,000#; RPM 35.

7/21 232 days - POH w/bit #RR48 @ 13,604'. Drld. 41' of fractured Thaynes ls in 12 hrs. MW 9.1; visc 59; WL 8.9; pH 11.0. Survey: 29° S 60° E @ 13,572'. Encountered severely fractured formation 13,570-13,604'. Lost approx. 300 bbls mud. Carrying 10 units BGG while drlg; 200 units conn. gas. Now pulling bit #RR48 @ 13,604'. Bit drld. 104' in 26½ hrs.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/22/80 233 days - Drlg. in Thaynes ls @ 13,666'. Drld. 62' in 12 hrs. MW 8.9; visc 56; WL 8.1; pH 10.5. Survey: 29½° S 62° E @ 13,634'. Fin. pulling bit #RR48 @ 13,604'. Dull grade 7-3-I. Ran bit #RR47 (8½" Sec M84F - s/n 738983). Bit has drld. 62' in 12 hrs. Carrying 80-90 units BGG; 400+ units trip gas. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/23/80 234 days - TD 13,693'. Drld. 27' of interbedded gry sh in 5½ hrs. TIH w/DST #6. MW 8.9; visc 54; WL 8.5; pH 10.5. Survey: 3½° S 61° E @ 13,690'. Pulled bit #RR47 @ 13,693' for DST #6. Bit drld. 89' in 17½ hrs. Dull grade 3-5-I. Carrying 80 units BGG; 680 units conn. gas. Now TIH w/DST #6 to test 13,515-13,693'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/24/80 235 days - Drlg. in Thaynes @ 13,696'. Drld. 3' in 2 hrs. MW 9.0; visc 60; WL 8.4; pH 11.0. Fin. TIH w/DST #6 - 13,515-13,693' (Thaynes) w/3556' amm WC. TO 60 min--w/wk blow, decl. to dead in 40 min. Bypassed tool. Left tool open 15 addtl. min--w/no blow; SI 60 min. Pulled to rec. 3556' muddy WC. Bomb depth 13,525'. BHT 210° F. IHP 6478; IFP 1563/1583; FSIP 2297; FHP 6398. (Tool wasn't plugged.) Smplr cap: 2100 cc's; rec. @ 230 psi, tr of gas + 2050 cc's sl. GCM. Ran bit #50 (8½" Sec S86F - s/n S22484) @ 13,693'. Bit has drld. 3' in 2 hrs. Had 368 units trip gas; carrying 80 units BGG. Drlg. wt 40,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/25/80 236 days - Drlg. in Thaynes sh @ 13,767'. Drld. 71' in 18 hrs. MW 9.1; visc 54; WL 8.3; pH 10.5. Survey: 29° S 60° E @ 13,760'. Bit #50 has drld. 74' in 20 hrs. BGG 25 units; conn.gas 240 units. Drlg. wt 40,000#; RPM 40.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/26/80 237 days - Drlg. in Thaynes @ 13,862'. Drld. 95' in 19 hrs. Survey: 29° S 52° E @ 13,854'. Bit #50 has drld. 169' in 39 hrs. Drlg. wt 42,000#; RPM 40.

7/27 238 days - Drlg. in Thaynes lm & sh @ 13,964'. Drld. 102' in 18 hrs. Surveys: 29° S 64° E @ 13,885'; 31° S 65° E @ 13,915'; 31° @ 13,945'. Bit #50 has drld. 271' in 57 hrs. BGG: 40 units. Drlg. wt 35,000#; RPM 40.

7/28 239 days - Tripping for bit @ 14,052'. Drld. 88' of Thaynes in 16½ hrs. MW 9.0; visc 52; WL 8.6; pH 11.0. Survey: 32° S 65° E @ 14,041'. Now pulling bit #50 @ 14,052'. Bit drld. 359' in 73½ hrs.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/29/80 240 days - TD 14,052'. TIH w/bit #51. Survey: 31½° S 62° E @ 14,050'. Fin. pulling bit #50 @ 14,052'. Now running bit #51 (8½" Smith F4 - s/n BB4813) @ 14,052'. While out of hole, magna-fluxed BHA, changed jars & shock sub; pressure-tested BOPE to 5000 psi; Hydril to 1500.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/30/80 241 days - TD 14,113'. Drld. 61' of Thaynes in 18½ hrs. POH. MW 8.9; visc 50; WL 8.1; pH 11.0. Survey: 32° S 62° E @ 14,106'. Closure: 1948' S 79° 19 min E. (Dull grade bit #50: 7-3-I.) Fin. running bit #51 @ 14,052'. Bit has drld. 61' in 18½ hrs. BGG: 25 units; conn. gas: 240 units. Now POH.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

7/31/80 242 days - Drlg. in Thaynes sh & ls @ 14,188'. Drld. 75' in 14½ hrs. MW 8.9; visc 58; WL 8.0; pH 10.5. Survey: 30° S 65° E @ 14,142'. Pulled bit #51 @ 14,113'. Bit drld. 61' in 18½ hrs. Dull grade 7-2-I. Ran bit #52 (8½" Sec M84F - s/n 944697). Bit has drld. 75' in 14½ hrs. BGG: 15-20 units. Drlg. wt 50,000#; RPM 35.

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER: Drilling

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.,C & K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			☒
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 8/1-31/80 (see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John T. Sindelar TITLE Division Drlg. Supt. DATE 9/4/80

John T. Sindelar

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/1/80 243 days - Drlg. in sh @ 14,311'. Drld. 123' in 21 hrs. MW 8.8; visc 52; WL 7.8; pH 11.0. Survey: 28½° S 69° E @ 14,266'. Bit #52 has drld. 198' in 35½ hrs. BGG: 20 units. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/2/80 244 days - Drlg. in sh & ls @ 14,424'. Drld. 113' in 20½ hrs. Surveys: 27½° S 68° E @ 14,329'; 27½° S 70° E @ 14,391'. Closure @ 14,391': 2082' S 78° 35 min E. Bit #52 has drld. 311' in 56 hrs. BGG: 16 units. Drlg. wt 50,000#; RPM 35.

8/3 245 days - Tripping @ 14,530'. Drld. 106' in 18½ hrs. Survey: 26½° S 68° E @ 14,522'. Now pulling bit #52 @ 14,530'. Bit drld. 417' in 74½ hrs.

8/4 246 days - Drlg. in ls & sh @ 14,580'. Drld. 50' in 10 hrs. MW 9.0; visc 58; WL 8.1; pH 10.5. Fin. pulling bit #52 @ 14,530'. Dull grade 4-2-I. Ran bit #53 (8½" Sec M84F - s/n 903792). Bit has drld. 50' in 10 hrs. BGG: 30 units. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/5/80 247 days - Drlg. in ls @ 14,703'. Drld. 123' in 20½ hrs. MW 8.8; visc 58; WL 8.6; pH 10.5. Survey: 25° S 65° E @ 14,645'. Bit #53 has drld. 172' in 30½ hrs. BGG: 25 units. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/6/80 248 days - Drlg. in ls & silt @ 14,715'. Drld. 12' in 4½ hrs. MW 9.0; visc 50; WL 8.3; pH 10.5. Survey: 25° S 67° E @ 14,711'. Pulled bit #53 @ 14,712'. Bit drld. 182' in 34½ hrs. Dull grade 8-2-I. Ran bit #54 (8½" Sec M89TF - s/n 849856). Bit has drld. 3' in ½ hr. BGG: 30 units. Drlg. wt 50,000#; RPM 35.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/7/80 249 days-Circ.for TOH at 14,847'. Drld. 132' Woodside sh & siltstone in 22 hrs. MW 8.9; vis 52; WL 8.3; pH 10.5. Survey: 25°at 14,772'. Top of Woodside: 14,675'. BGG: 20-25 units.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/8/80 250 days-TD 14,847'. Repairing rig. Survey: 25°at 14,845'. Fin. TOH. Pulled bit #54 at 14,847'. Bit had drld. 135' in 22½ hrs. Dull grade: 7-2-I. Now repairing high drum clutch.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/9/80 251 days - Drlg. in Woodside @ 14,857'. Drld. 10' in 3 hrs. Ran bit #55 (8½" Hughes J55R - s/n AT274) @ 14,847'. Bit has drld. 10' in 3 hrs. Drlg. wt 50,000#; RPM 35.

8/10 252 days - POH w/bit @ 14,903'. Drld. 46' of Woodside sh in 13 hrs. Survey: 25° S 71° E @ 14,898'. Now pulling bit #55 @ 14,903'. Bit drld. 56' in 16 hrs.

8/11 253 days - TD 14,984'. Drld. 81' of Woodside in 14 hrs. Circ. for trip. MW 9.0; visc 53; WL 8.7; pH 10.0. Survey: 26°S 68° E @ 14,961'. Closure: 2326' S 77° 34 min E. Fin. pulling bit #55 @ 14,903'. Dull grade 8-5-I. Ran bit #56 (8½" Smith F7 - s/n BD5942). Bit has drld. 81' in 14 hrs. Now circ. smpls. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/12/80 254 days - Drlg. in Woodside @ 15,022'. Drld. 38' in 9 hrs. MW 8.9; visc 59; WL 9.2; pH 10.5. Survey: 27° S 71° E @ 14,984'. Closure: 2336' S 77° 31' E. Pulled bit #56 @ 14,984'. Bit drld. 81' in 14 hrs. Dull grade 2-2-I. Ran bit #57 (8½" Sec M89TF - s/n 909740). Bit has drld. 38' in 9 hrs. BGG: 20 units; TG 1080 units. Drlg. wt 45,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/13/80 255 days - Drlg. in Woodside @ 15,075'. Drld. 53' in 11½ hrs. MW 9.0; visc 59; WL 9.3; pH 10.0. Bit #57 has drld. 91' in 20½ hrs. BGG: 25 units; TG: 225 units; CG 75 units. Drlg. wt 45,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/14/80 256 days - Drlg. in Woodside sh @ 15,166'. Drld. 91' in 20 hrs. MW 8.9; visc 57; WL 9.0; pH 10.5. Survey: 26½° @ 15,086'. Bit #57 has drld. 182' in 40½ hrs. Drlg. wt 45,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/15/80 257 days - Tripping @ 15,202'. Drld. 36' of Woodside in 7½ hrs. MW 8.9; visc 49; WL 9.0; pH 10.5. Survey: 27° S 72° E @ 15,200'. Pulled bit #57 @ 15,202'. Bit drld. 218' in 48 hrs. Dull grade 7-2-I. Now running bit #58 (8½" Sec M89TF - s/n 947974) @ 15,202'. BGG: 20 units; CG 110 units.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/16/80 258 days - Drlg. in Woodside @ 15,311'. Drld. 109' in 23½ hrs. Fin. running bit #58 @ 15,202'. Bit has drld. 109' in 23½ hrs. BGG: 25 units; CG: 105 units; TG 1400 units. Drlg.wt 45,000#; RPM 35.

8/17 259 days - Drlg. in Woodside sh @ 15,417'. Drld. 106' in 21½ hrs. Survey: 26½° @ 15,346'. Bit #58 has drld. 215' in 45 hrs. BGG: 22 units; CG 80 units. Drlg. wt 45-50,000#; RPM 35.

8/18 260 days - Drlg. in Woodside sltstn & sh @ 15,460'. Drld. 43' in 11 hrs. MW 8.8; visc 58; WL 8.2; pH 11.0. Survey: 24° S 68° E @ 15,420'. Pulled bit #58 @ 15,423'. Bit drld. 221' in 48 hrs. Dull grade 7-2-I. Ran bit #59 (8½" Smith F57 - s/n AK7906). Bit has drld. 39' in 8 hrs. BGG: 12 units; CG 50 units; TG 450 units. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/19/80 261 days - Drlg. in Woodside sh @ 15,584'. Drld. 124' in 23½ hrs. MW 8.9; visc 56; WL 8.6; pH 11.0. Bit #59 has drld. 161' in 31½ hrs. BGG: 10 units; CG: 40 units. Drlg. wt 50,000#; RPM 35.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/20/80 262 days - TD 15,623'. Drld. 39' of Woodside sh in 9 hrs. Logging w/Schlumberger. MW 8.8; visc 55; WL 8.0; pH 11.0. Pulled bit #59 @ 15,623'. Bit drld. 200' in 40½ hrs. Dull grade 8-2-I. Now running Sonic w/Caliper.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/21/80 263 days - TD 15,623'. Running Dipmeter. Logged 24 hrs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/22/80 264 days-TD 15,623'. TIH. MW 9.0; vis 50; WL 8.9; pH 11. Fin. running dipmeter, ran cyber-dip both from 15,618'-7902'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

8/23/80 265 days - Drlg. in slt & dolo @ 15,689'. Drld. 66' in 18½ hrs. Fin. running bit #RR56 (8½" Smith F7 - s/n BD5942) @ 15,623'. Bit has drld. 66' in 18½ hrs. BGG: 10 units. Drlg. wt 50,000#; RPM 35.

8/24 266 days - Drlg. in ss @ 15,787'. Drld. 98' in 23½ hrs. Bit #RR56 has drld. 164' in 42 hrs. BGG: 12 units. Had formation change @ 15,717'. Drlg. wt 50,000#; RPM 35.

8/25 267 days - TIH w/bit #59 @ 15,808'. Drld. 21' of ss in 6½ hrs. MW 8.9; visc 55; WL 8.8; pH 11.0. Pulled bit #RR56 @ 15,808'. Bit drld. 185' in 48½ hrs. Dull grade 6-4-3/4". Now running bit #60 (8½" Sec H100F - s/n 915784) @ 15,808'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/26/80 268 days - TD 15,808'. W&R to btm. MW 8.9; visc 56; WL 7.9; pH 11.0. While washing to btm w/bit #60, brake band broke on rig. Caught string w/drum clutch--did not drop. Repaired rig. POH to 15,700'. Now W&R to btm.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/27/80 269 days - TD 15,823'. Drld. 15' of Nugg ss in 6½ hrs. Changing BHA. MW 8.9; visc 50; WL 7.9; pH 11.0. Pulled bit #60 @ 15,823'. Bit drld. 15' in 6½ hrs. Dull grade 8-8-½". Lost 3 cones & 1 jet. Now prep to TIH w/mill. Nugg smpl top: 15,717'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/28/80 270 days - POH @ 15,824'. Milled 1' in 1½ hr. MW 8.8; visc 49; WL 8.0; pH 11.0. TIH w/8½" FB mill @ 15,823'. Milled 1' in 1½ hr. Btm appears to be clean. Now POH prep to run bit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/29/80 271 days-TD 15,824'. Logging-prep. to run 7" liner. MW 8.9; vis 53; WL 8.0; pH 10.4. Survey: 22°at 15,820'. Fin. POH, TIH, circ. & cond. hole, TOH, Now logging.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

8/30/80 272 days - TD 15,824'. TIH w/liner. Ran Sonic & DLL 15,287-15,824'. LD 4-1/2" DP & BHA. Ran 188 jts 7" 32# SS95 LTC - 8132' - 21' of float shoe & liner hanger - total of 8153'. Now TIH to set liner.

8/31 273 days - TD 15,824'. WOC.

Fin. TIH w/liner. Set liner @ 15,823' KB. Top of liner 7670'. Hung liner w/EJ tandem cone hanger w/6' LGG tieback sleeve. Cemented as follows: Preceded cmt w/5 bbl wtr followed by 900 sx Howco Lite, 10% salt, 1% Halad 22A, 1/4# D-Air mix & 1/4# flocele, followed by 550 sx Class "G", 3% KCl, 1% CFR_2, 1/4# D-Air mix, 1/4# flocele, .06 of 1% Halad 22A & 30% silica flour. Displaced w/430 bbl mud. Float held. Job complete 1:30 PM 8/31/80. Now prep to PU 3-1/2" DP.

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

2. NAME OF OPERATOR
American Quasar Petroleum Co.,C & K Petroleum et al

3. ADDRESS OF OPERATOR
204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
763' FNL & 565' FEL (NE¼ NE¼)

5. LEASE DESIGNATION AND SERIAL NO.
ML-31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Eden State

9. WELL NO.
2-41

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
2-14N-6E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7052' GR

12. COUNTY OR PARISH
Rich

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			☒
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This is a Monthly Report of Operations for period 9/1-30/80
(see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John T. Sindelar TITLE Division Drlg. Supt. DATE 9/30/80
John T. Sindelar

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

9/1 274 days - TD 15,824'. Drlg. top plug of 7" liner. MW 8.9; visc 60; WL 8.0; pH 11.5. Ran bit #RR23 (8-1/2" Hughes OWVJ - s/n VA645). TIH. Tagged cmt stringers @ 7117'; tagged good cmt @ 7660'. Tagged top of liner @ 7670'. POH. PU bit #61 (6" Smith FV - s/n AN4387). Now drlg. top liner plug.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/2/80 275 days - TD 15,824'. Drlg. cmt @ 15,265'. Drld. top liner plug--w/difficulty. TIH. Found btm plug @ 15,265'. Now drlg. cmt.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/3/80 276 days - TD 15,824'. Testing BOFE. MW 8.9; visc 50; WL 8.4; pH 11.4. Pulled bit #61 @ 15,774'. Bit quit while drlg. float collar. POH. Lost 3 cones. Now prep to TIH w/magnet.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/4/80 277 days - TD 15,824'. TIH w/mill. MW 8.8; visc 50; WL 8.5; pH 10.5. Tested BOP & manifold to 5000 psi; Hydril to 1500. TIH w/magnet. Attempted to PU cones--w/o success. POH--rec. numerous small pces. Now TIH w/6" Acme FB mill.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/5/80 278 days - TD 15,824'. Milling on junk w/mill #9. MW 8.9; visc 53; WL 8.3; pH 11.0. Pulled mill #8 @ 15,777'. Mill cut 3' in 4½ hrs. Mill completely worn out. Rec. 2 cones & portions of float collar in junk sub. Ran mill #9 (6" Acme FB gauge protector - s/n 47205) @ 15,777'. Mill has cut ½' in 1 hr. Now milling.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/6/80 279 days - TD 15,824'. Attempting to drill @ 15,824'. POH w/mill #9. Rec. numerous pces of junk & Nugg ss. TIH w/bit #62 (6" Smith FV - s/n AN7076). Attempted to drill--w/o success. Now prep to POH.

9/7 280 days - TD 15,824'. Milling @ 15,824'. POH w/bit #62. Lost 3 cones. Ran mill #10 (6" Acme FB). Now TIH w/mill.

9/8 281 days - TD 15,824'. Milling on fish @ 7836'. MW 8.8; visc 48; WL 8.9; pH 11.5. Fin. TIH w/mill #10. Twisted off @ 7836' in 3½" DP while rotating to btm. TIH w/overshot. Could not engage fish. POH. PU mill #11 (8" FB). TIH. Now dressing off top of tool jt @ 7836'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/9/80 282 days - TD 15,824'. POH w/overshot. MW 8.8; visc 46; WL 9.2; pH 11.5. Fin. dressing off top of tool jt @ 7836'. Attempted to POH w/mill--left mill in hole. PU short-catch overshot. TIH. Rec. mill. PU 5-3/4" overshot dressed w/4-3/4" grapples. TIH. Worked over fish @ 7836'. Pulled on fish. Overshot slipped off. Could not re-engage. POH. Now prep to redress overshot.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/10/80 283 days - TD 15,824'. Prep to back off 3½" DP. MW 8.8; visc 46; WL 9.2; pH 11.5. Redressed overshot. TIH. Engaged fish. Attempted to back off. Overshot disengaged. Could not re-engage. POH. Redressed overshot. TIH. Engaged fish. Now prep to run backoff.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/11/80 284 days-TD 15,824'. Fishing. MW 8.8; vis 55; WL 9.5; pH 11.5. Backed off at 8026'. POH. Recovered 6 jts. DP below overshot. LD bad jts.& overshot. TIH. Engaged fish at 8026'. jarred & worked fish w/no results. Now prep. to freepoint.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/12/80 285 days-TD 15,824'. TIH w/bumper sub & jars to engage fish. MW 8.8; vis 57; WL 9.7; pH 11.5. Freepointed at 15,798'. Backed off at 15,764'. POH w/fish, leaving mill #10, junk sub, bit sub, and 4-3/4"DC's in the hole. Now TIH to engage remainder of fish.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/13/80 286 days - TD 15,824'. POH. MW 8.7; visc 58; WL 10.3; pH 11.5. TIH open-ended. Circ. & cond. mud @ 15,760'. Engaged fish @ 15,764'. Jarred & worked fish while circ.--no success. RU Petro-Log. Ran collar locator. Ran backoff shot. Backed off @ 15,802'. Now POH.

9/14 287 days - TD 15,824'. TIH w/Dyna-Drill. Fin. POH. Rec. 1 - 4-3/4" DC & bit sub. Left junk sub & mill in hole. Magna-fluxed DC's. LD 14 DC's w/swelled bxes. PU mill & Dyna-Drill. Now TIH.

9/15 288 days - TD 15,824'. Milling on junk @ 15,820'. MW 8.8; visc 49; WL 10.6; pH 11.5. Fin. TIH. Milled 15,818.56-15,820.31'. Lack 3.69' of fish. Now milling @ 15,820.31'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/16/80 289 days - TD 15,824'. Milling on junk @ 15,821'. MW 8.8; visc 50; WL 10.2; pH 11.3. Pulled mill #13. Changed out Dyna-Drill. TIH w/mill #14 @ 15,820'. Mill cut 1' in 5 hrs. Now milling @ 15,821'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/17/80 290 days - TD 15,824'. POH w/mill #15 @ 15,822½'. Milled 1½' in 7 hrs. MW 8.8; visc 48; WL 9.6; pH 10.3. Pulled mill #14 @ 15,821'. Mill cut 1' in 6 hrs. Mill worn out. Ran mill #15 (6" Acme concave - s/n 47211) @ 15,821'. Now pulling mill #15 @ 15,822½'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/18/80 291 days - TD 15,824'. TIH w/mill #17. Milled 4" in 5 hrs. MW 8.8; visc 47; WL 9.6; pH 10.0. Fin. POH w/mill #15. Mill worn out. TIH w/mill #16 (5-3/4" Acme concave - s/n 47212) @ 15,822.10'. Pulled mill #16 @ 15,822.50'. Milled 4" in 5 hrs. Mill worn out. Changed Dyna-Drill. Now running mill #17 (5-7/8" Acme concave - s/n 47211).

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/19/80 292 days-TD 15,824.5'. TIH w/mill. Milled 19" in 11 hrs. Fin. TIH w/mill #17, milled to 15,824.5', POH, LD Dyna-Drill, Now TIH w/mill #18(5-3/4" Acme concave, s/n 47203). MW 8.8; vis 46; WL 10.2; pH 10.3.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/20/80 293 days - TD 15,828'. Milled 3½' in 7 hrs. TIH w/mill. Pulled mill #18 @ 15,828'. Mill cut 3½' in 7 hrs. Mill worn out. Now running mill #RR16 (5-7/8" Acme concave - s/n 47212) @ 15,828'.

9/21 294 days - TIH w/mill @ 15,829'. Milled 1' in 10½ hrs. Pulled mill #RR16 @ 15,829'. Mill cut 1' in 10½ hrs. Rec. numerous pces of junk in junk bskt. Now TIH w/mill #19 (6" Acme FB - s/n 47211) @ 15,829'.

9/22 295 days - POH w/bit #63 @ 15,831'. Drld. 2' in 1 hr. MW 8.8; visc 48; WL 9.0; pH 10.6. Pulled mill #19 @ 15,830'. Mill cut 1' in 6 hrs. Rec. 1 lge pce of junk in junk bskt. Ran bit #63 (6" Hughes OSC1G - s/n CZ217) @ 15,830'. Now pulling bit #63 @ 15,831'. Bit drld. 1' in 1 hr.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/23/80 296 days - POH w/bit #64 @ 15,844'. Drld. 13' of ss in 5 hrs. MW 8.8; visc 46; WL 9.2; pH 10.3. Fin. pulling bit #63 @ 15,831'. Dull grade 8-8-½". Ran bit #64 (6" Hughes J55 - s/n BX680). Now pulling bit #64 @ 15,844'. Bit drld. 13' in 5 hrs.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/24/80 297 days - POH w/bit #65 @ 15,860'. Drld. 16' of Nugg sd in 6½ hrs. MW 8.8; visc 53; WL 9.0; pH 10.6. Fin. pulling bit #64 @ 15,844'. Dull grade 8-6-I. Ran bit #65 (6" Hughes J55 - s/n WH482). Now pulling bit #65 @ 15,860'. Bit drld. 16' in 6½ hrs.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/25/80 298 days - TIH w/bit #67 @ 15,880'. Drld. 20' of Nugg ss in 5½ hrs. MW 8.8; visc 49; WL 9.2; pH 9.8. Fin. pulling bit #65 @ 15,860'. Dull grade 8-6-I. Ran bit #66 (6" Sec M88F - s/n 912980). Pulled bit #66 @ 15,880'. Bit drld. 20' in 5½ hrs. Dull grade 8-6-I. Now running bit #67 (6" Sec M88F - s/n 856549) @ 15,880'.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/26/80 299 days-TIH w/bit #68 at 15,906'. Drld. 26' in Nugget ss in 10 hrs. MW 8.8; vis 53; WL 8.8; pH 9.6. Pulled bit #67 at 15,906'. Bit had drld. 26' in 10 hrs. Dull grade: 8-6-I. Ran bit #68(6"Security M88F, s/n 858093)at 15,906'. BGG-2units.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/27/80 300 days - TIH w/Navi-Drill @ 15,916'. Drld. 10' of Nugg ss in 5 hrs. Pulled bit #68 @ 15,916'. Bit drld. 10' in 5 hrs. Dull grade 4-5-I. Now TIH w/bit #69 (6" Chr MT23NP - s/n OW3697) @ 15,916'.

9/28 301 days - POH w/bit #69 @ 15,968'. Drld. 52' of Nugg ss in 16 hrs. Fin. TIH w/bit #69 @ 15,916'. Bit drld. 52' in 16 hrs. Navi-Drill failed. Now POH.

9/29 302 days - TIH w/Navi-Drill & bit #69 @ 15,968'. MW 8.9; visc 46; WL 8.0; pH 10.0. Fin. pulling bit #69. Replaced Navi-Drill. Reran bit #69. TIH. Navi-Drill would not operate. POH. Repaired dump valve. Now TIH.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

9/30/80 303 days - POH w/Navi-Drill @ 16,035'. Drld. 67' of Nugg ss in 15½ hrs. MW 8.8; visc 47; WL 8.8; pH 10.2. Now pulling bit #69 @ 16,035'. Bit drld. 119' in 31½ hrs.

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Eden State

9. WELL NO.: 2-41

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

12. COUNTY OR PARISH: Rich

13. STATE: Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

2. NAME OF OPERATOR: American Quasar Petroleum Co., C&K Petroleum et al

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wy 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 10/1/80-10/31/80 (see attached chronological report).

RECEIVED
NOV 3 1980
DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 10/31/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

[redacted]/1/80 304 days - Drlg. in [redacted]g ss @ 16,066'. Drld. 31' in 11hrs. MW 8.8; [redacted] 46; WL 8.9; pH 10.0. Fin. pulling bit #69 @ 16,035'. Bit worn out. Ran bit #70 (6" Chr MT23NT - s/n OW3719). Bit has drld. 31' in 10 hrs. Drlg. wt 12,000#; RPM 460.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/2/80 305 days - POH w/Navi-Drill @ 16,091'. Drld. 25' of Nugg ss in 8½ hrs. MW 8.8; visc 47; WL 9.2; pH 8.5. Pulled bit #70 @ 16,091' due to Navi-Drill failure. Bit drld. 56' in 19½ hrs. FU new Navi-Drill. Reran bit #70. Now POH due to dump valve failure.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/3/80 306 days - Drlg. in Nugg ss @ 16,112'. Drld. 21' in 9½ hrs. MW 8.7; visc 48; WL 9.5; pH 9.5. Fin. POH. Repaired dump valve on Navi-Drill. TIH. Bit #70 has drld. 77' in 29 hrs. Drlg. wt 10,000#; RPM 400.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/4/80 307 days-TD 16,122'. Working stuck DP. Drilled 10'Nugget ss in 4 hrs. Pulled bit #70 at 16,122'. Bit had drld. 87' in 33 hrs. Ran bit #71(6"Christensen MT23NP, s/n OW3736). Stuck bit while reaming 1' off btm.

10/5/80 308 days-TD 16,122'. TIH w/ bit #71 at 16,122'. Worked stuck bit, jars started working, jarred loose, POH. changed jars. Now TIH.

10/6/80 309 days-Drlg. at 16,158'. Drld. 36' Nugget ss in 16 hrs. MW 8.8; vis 48; WL 9.8; pH 10.1. Reamed 57' in 4½ hrs. BGG-1 unit. Drlg.wt. 12M#; RPM 400.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/7/80 310 days-TIH at 16,172'. Drld. 15' ss in 7 hrs. MW 8.8; vis 52; WL 9.1; pH 10.3. BGG-1 unit. Pulled bit #71 at 16,173'. Bit had drld. 51' in 23 hrs. Ran bit #72(6" Christensen MT23NP, s/n OW3754)in at 16,173'.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/8/80 311 days-Drlg. Nugg. ss at 16,239'. Drld. 66' in 17 hrs. MW 8.7; vis 55; WL 8.8; pH 10. BGG-1 unit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/9/80 312 days-TD 16,270'. POH. Drld. 31' Nugg. ss in 16 hrs. MW 8.7; vis 55; WL 8.8; pH 10.1. Bit #72 has drld. 97' in 33 hrs.. BGG-1 unit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/10/80 313 days-Drlg. Nugg. ss at 16,299'. Drld. 29' in 11½ hrs. MW 8.8; vis 55; WL 8.6; pH 9. BGG-Trace. Drlg.wt. 14-20m#; RPM 350 (Navi-drill).

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/11/80 314 days-Drlg. Nugg. ss at 16,310'. Drld. 11' in 5½ hrs. MW 8.9; vis 54; WL 8.6; pH 9.3. Pulled bit #RR72 at 16,300'. Bit had drld. 29' in 12½ hrs. Ran bit #RR71(6"Christensen MT23NP, s/n OW3736)in at 16,309'. Bit has drld. 10' in 5½ hrs. Drlg.wt: 14-16M#; RPM 350. BGG-Trace.

10/12/80 315 days-Drlg. at 16,320'. Dlrd. 10' in 9 hrs. Pulled bit #RR71 at 16,320'. Bit had drld. a total of 108' in 59 hrs.

10/13/80 316 days-Drlg. Nugg.ss at 16,347'. Drld. 27' in 13 hrs. MW 8.8; vis 4.8; WL 8.4; pH 9.3. Ran bit #73 (6"Security H-10, s/n 266354)in at 16,320'. Bit has drld. 27' in 13 hrs. BGG-Trace. Drlg.wt. 20M#; 30 RPM.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/14/80 317 days-TIH to 16,358'. Drld. 11' Nugg. ss in 6½ hrs. MW 8.7; vis 48; WL 9.0; pH 10. Pulled bit #73 at 16,358'. Bit had drld. 38' in 19½ hrs. Dull grade: 8-6-½. Now TIH w/bit #74(6"Security H-10, s/n 267516). BGG-1 unit.

EDEN STATE #2-41
(16,800" Nugg-WC)
Rich Co.,Utah
Eden Canyon Prosp.

10/15/80. 318 days TIH to 16,376'. Drld, 18' Nugg. ss in 10½ hrs. MW 8.7; vis 54; WL 9.6; pH 10.2. Pulled bit #74 at 16,376'. Bit had drilled 18' in 10½ hrs. Dull grade: 6-2-I. Now TIH with bit #75(6" Security H-10, s/n 265892).

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/16/80. 319 days. TIH to 16,392'. Drld 16' of Nugg. ss in 9 hrs. MW 8.7; vis 55; WL 9.6; pH 10.2. Pulled bit #75 at 16,392'. Bit had drilled 376' in 16 hrs. Dull grade was 6-3-I. Ran bit #76 (6" Security H-10, s/n 265890) at 16,392'. BBG - 1 unit.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/17/80. 320 days. Drlg at 16,423'. Drld 31' of Nugg. ss in 13½ hrs. MW 8.7; vis 55; WL 9.3; pH 10. BBG- 1 unit. Drlg wt 20M#; RPM 30.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/18/80. 321 days. Drlg Nugg at 16,429'. Bit had drld 37' in 15 hrs. Dull grade 6-6-I. Ran bit #77 (6" Security 10, s/n 265986). Bit has drld 10' in 5 hrs. BBG-1 unit.

10/19/80. 322 days. Drlg Nugg at 16,460'. Drld 21' in 10 hrs. Pulled bit #77 at 16,456'. Bit had drld 27' in 12 hrs. Dull grade 6-6-1/16. Ran bit #78 (6" Hughes J-55, s/n RA874) at 16,456'. Bit had drld 4' in 1½ hrs.

EDEN STATE #2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/20/80. 323 days. Drlg Nugg ss at 16,483'. Drld 23' in 13 hrs. MW 8.7; vis 51; WL 9.2; pH 10. Pulled bit #78 at 16,480'. Bit had drld 24' in 11½ hrs. Dull grade 8-2-1/16. Ran bit #79 (6" Hughes J-55, s/n RF507) in at 16,480'. Bit has drld 3' in 2½ hrs. Drlg wt 20M#; RPM 30. BBG-1 unit.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/21/80. 324 days. Drlg at corrected depth of 16,469'. Drld 18' in 10½ hrs. MW 8.6; vis 54, WL 8.9; pH 9.5. Ran SLM corrected depth from board measurement-16,483' to SLM measurement-16,451', a 32' correction. Pulled bit #79 at 16,462'. Bit had drilled 19' in 12 hrs. Dull grade 7-2-I. Ran bit #80 (6" Smith F3, s/n AT6377) in at 16,466'. Bit has drilled 3' in 2 hrs. CORRECTION to report of 10/18/80. Should read: Drlg at 16,439'. Drilled 16' in 6 hrs. Pulled bit #76 at 16,429'. Bit had drld 37' in 13 hrs.

EDEN STATE 2-41
(16,800' NUGG.WC)
Rich Co., Utah
Eden Canyon Prosp.

10/22/80. 325 days. Drlg at 16,497'. Drld 28' of Nugg. in 10½ hrs. MW 8.8; vis 53; WL 8.7, pH 10. Pulled bit #80 at 16,497'. Bit had drld 31' in 12½ hrs. Dull grade 8-4-I. Ran bit #81 (6" Smith F3, s/n A46941) in at 16,497'.

EDEN STATE 2-41
(16,800' Nugg.WC)
Rich Co., Utah
Eden Canyon Prosp.

10/23/80. 326 days. TIH at 16,525'. Drld. 28' in 11 hrs. MW 8.8; vis 58; WL 8.5; pH 10.5. Pulled bit #81 at 16,525. Bit had drld. 28' in 11 hrs. Dull grade 8-3-3/4. Ran bit #82 (6" Hughes J55R, s/n GM649) in at 16,525'. BGG - 1 unit.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/24/80. 327 days. TIH w/bit at 16,525'. MW 8.8; vis 54; WL 8.3, pH 10.5. TOH w/bit #82 at 16,525' after 4 hrs. reaming. Dull grade 2-1-I. Now TIH w/bit #Re-run 71 (6" Christensen MT23NT, s/n 0W3736) in at 16,525'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/25/80 328 days. TD 16,530' Drld. 5' of Nugg ss in 9½ hrs. TOH w/bit #RR71. Pulled bit #71 at 16,530'. Bit drld 5' in 9½ hrs. Rec. in good cond. Now prep to Magnaflux collars.

10/26/80 329 days. TD 16,530'. TIH w/bit #83. Magnafluxed collars, LD 16 collars, replaced same. Ran bit #83 (6" Hughes J55, s/n WK375. Now TIH.

10/27/80 330 days. TIH at 16,550'. Drld 20' Nugg sd & sh in 9½ hrs. MW 9.0, vis 64, WL 9.0, pH 10. Survey - 17° at 16,530'. Pulled bit #83 at 16,550'. Bit had drld 20' in 9½ hrs. Dull grade: 8-4-I. Ran bit #84 (6" Hughes J55, s/n WB287) in at 16,550'. BGG 1 unit.

EDEN STATE 2-41
(16,800'Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/28/80 331 days. Tripping for bit at 16,558'. Drld 8' of Nugg ss in 5½ hrs. MW 8.9; vis 54; WL 5.4; pH 10.2. Fin. TIH w/bit #84, in at 16,550', out at 16,558'. Bit Drld 8' in 5½ hrs. Dull grade-4-2-I

LD 9jts. 5" DP, PU 9 jts. 3½" DP, changed out Kelly, now prep. TIH w/bit #85.

EDEN STATE 2-41
(16,800'Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/29/80 332 days. Drlg Nugg ss at 16,570'. Drld 12' in 11 hrs. MW 8.9; vis 50; WL 8.2; pH 10. TIH w/bit #85 (6" Christensen MD331, s/n OW3868) in at 16,558'. Bit has drld 12' in 11 hrs. Drld 863' of Nugg ss. Drlg wt 20M#; RPM 65.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/30/80 333 days. TIH w/bit #86 at 16,577'. Drld 7' of Nugg ss in 11 hrs. MW 8.8; vis 54; WL 8.4; pH 10.1. Pld. bit #85 at 16,577', bit drld 19' in 22 hrs. Diamonds were flat. Ran bit #86 (6" Security H8J, s/n 512895) Now TIH at 16,577'.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

10/31/80 334 days. POH w/bit #86 at 16,587'. Drld 10' Nugg ss in 6 hrs. MW 8.8; vis 48; WL 8.2, pH 10. Pld. bit #86 at 16,587', bit drld 10' in 6 hrs. Now POH.

CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

COMPANY AMERICAN QUASAR PET. CO. FILE NO. RP-4-5887

WELL EDEN STATE NO. 2-41 DATE 11/18/80

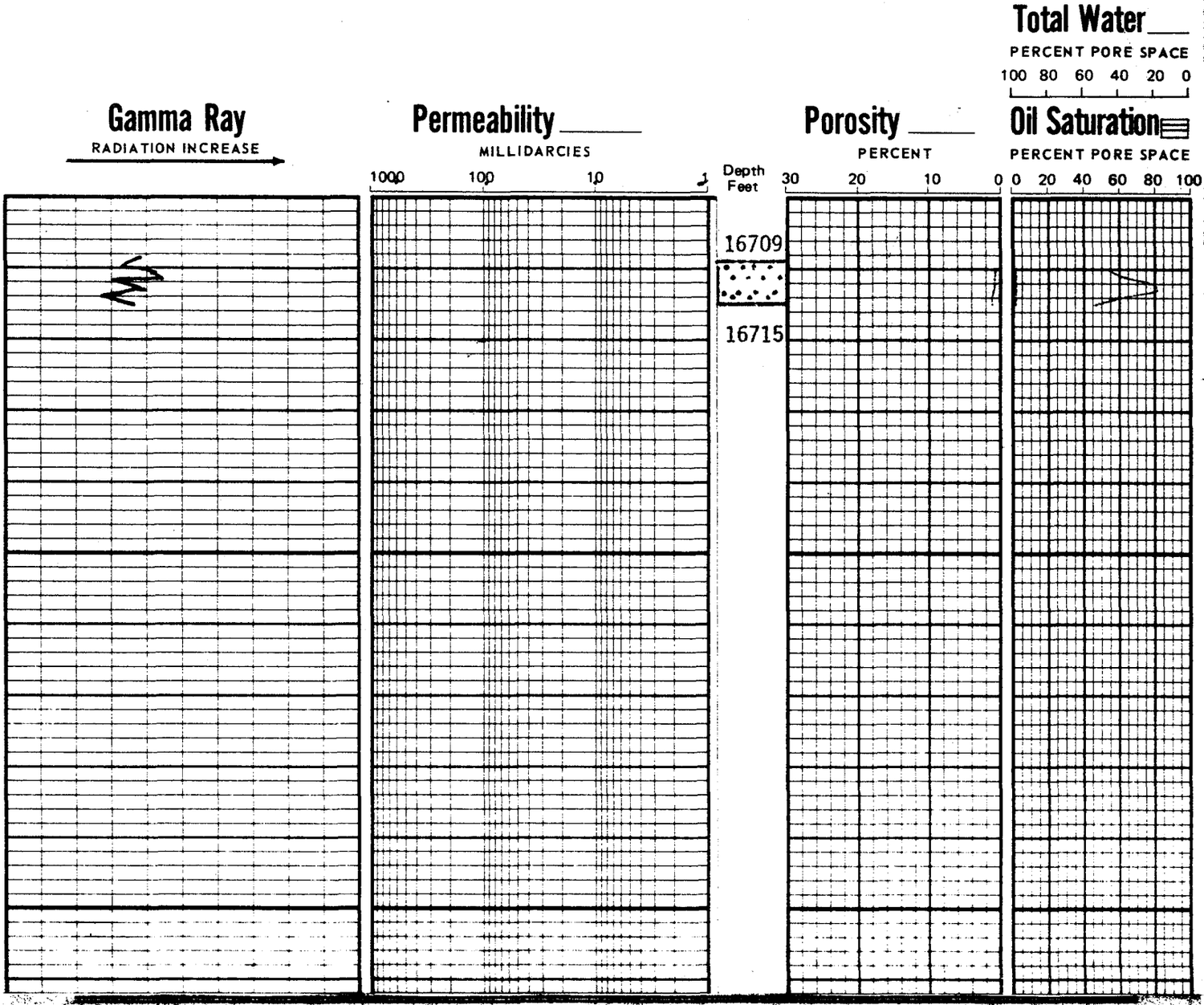
FIELD WILDCAT FORMATION NUGGET ELEV. 7080 KB

COUNTY RICH STATE UTAH DRLG. FLD. LOW SOLIDS NON-DISP CORES DIA. CONV.

LOCATION NE NE SEC 2-T14N-R6E

CORRELATION COREGRAPH

VERTICAL SCALE: 5" = 100'



INTERPRETATION OF DATA

16709.0-16715.0 Feet - Thin zone. No interpretation.

These recovery estimates represent theoretical maximum values for solution gas and water drive. They assume that production is started at original reservoir pressure; i.e., no account is taken of production to date or of prior drainage to other areas. The effects of factors tending to reduce actual ultimate recovery, such as economic limits on oil production rates, gas-oil ratios, or water-oil ratios, have not been taken into account. Neither have factors been considered which may result in actual recovery intermediate between solution gas and complete water drive recoveries, such as gas cap expansion, gravity drainage, or partial water drive. Detailed predictions of ultimate oil recovery to specific abandonment conditions may be made in an engineering study in which consideration is given to overall reservoir characteristics and economic factors.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/1/80 335 days. Ci[redacted] on btm w/mill at 16,587'. POH w/bit #80-found 3 cones gone, TIH w/Mill #20(6"Acme FB). Have milled 3' in 7½ hrs.

11/2/80 336 days. Drlg.at 16,591'. Drld. 4' in 2 hrs. POH w/mill #20-was worn smooth. Recovered 14 bearings & cutrite. TIH w/bit #RR82(6"Hughes J55, s/n EM649)at 16,587'. Bit has drld. 4' in 2 hrs.

11/3/80 337 days. TIH w/bit at 16,595'. Drld. 4' in 4 hrs. MW 8.9; vis 46; WL 8.6; pH 10. POH w/bit #RR82 at 16,595'. Bit had drld. 8' in 6 hrs. Found 1 cone missing. Ran bit #RR84(6" Hughes J55, s/n WB287)at 16,595. Rmd.4' to btm w. no indication of jk. Recovered several pieces of cone, previously. Encountered tight spot in liner while TOH. Pulled bit #RR84 at 15,595'. Dull grade: 4-4-1/8.

EDEN STATE 2-41
(16,800'Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/4/80 338 days. TD 16,595'. WO mill. MW 8.9; vis 45; WL 8.4; pH 10.2. Fin. TIH w/bit #87 (6" Barrel QMCH,s/n 84143) in at 16,595'. Rmd. 30' to btm. in 8 hrs. Pld. bit #87 at 16,595'. Dull grade: 8-8-1/8. Rec. numerous pieces of jk. Now WO 6" mill.

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-31013

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co., C&K Petroleum et al

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wy 82601

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL & 565' FEL (NE¼ NE¼)

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 2-14N-6E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052' GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOUTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 11/1/80-11/30/80 (see attached chronological report).

RECEIVED
DEC
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 11/30/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/5/80 339 days. TD 16,595'. POH w/6" mill. MW 8.9; vis 46; WL 8.5; pH 10. TIH w/Acme 5½" Magnet, wkd magnet, POH, rec. numerous pieces of cone & small pieces of metal. TIH w/mill #21 (6" Acme junk buster) wkd mill on bottom. Now POH.

EDEN STATE 2-41
(16,800' Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/6/80 340 days. TD 16,595'. Rmg to bottom w/diamond bit & Nava-Dril. MW 8.8; vis 50; WL 8.5; pH 10. POH w/6" mill, rec. small amt. of jk in JB, PU bit #88 (6" Christensen MD23NP, s/n OW3890) PU Nava-Dril. Now TIH, rmg to bottom.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/7/80 341 days. Drlg sh & Anahydrite at 16,661'. Drld 65' in 20 hrs. MW 8.8; vis 54; WL 8.9; pH 10. Fin. rmg to bottom w/bit #88, in at 16,596'. Bit has drld 65' in 20 hrs. S/T Gypsum Springs 16,600'. Drlg wt 10M#; RPM 540.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/8/80 342 days. TIH w/bit #89 at 16,680'. Drld 19' of sh, dolo & Nugg sd in 11 hrs. Pld bit #88 because of Nava-Dril failure at 16,680'. Bit drld 84' in 31 hrs. Bit is in fair shape. PU new Nava-Dril & bit #89. Now TIH.

(6" MD23MT, s/n OW3888)

11/9/80 343 days. TIH w/new Nava-Dril at 16,696'. Drld 16' of Nugg sd, Gr Sh & anhy in 8 hrs. MW 8.9; vis 57; WL 9.3; pH 10.3. Fin TIH w/bit #89 in at 16,696'. Bit drld 16' in 8 hrs. Nava-Dril failed. POH. PU new Nava-Dril, now TIH.

11/10/80 344 days. Drlg Nugg. sd and Anhy. at 16,725'. Drld 29' in 15½ hrs. MW 8.8; vis 71, WL 9.4; pH 10.5. Fin TIH w/bit #RR88, in at 16,696'. Bit has drld 29' in 6½ hrs. Drlg wt 10M#; RPM 540.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/11/80 345 days. TIH w/bit #90 at 16,738'. Drld 19' Nugg sd in 9½ hrs. MW 8.9; vis 62; WL 10.2; pH 10.5. Pld bit #RR88 at 16,738'. Bit drld 42' in 26 hrs. 1/32 out of guage. Ran bit #90

(6" Christensen MD23NT, s/n OW3948) Now TIH.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/12/80 346 days. Trip. for bit at corrected depth 16,705'. Corrected depth after SLM on trip from 16,738' to 16,698'. Drld 7' in 17½ hrs. Now POH. MW 8.8; vis 69; WL 9.8; pH 10.7. Bit #90 in at 16,698'

Now plg at 16,705'. Drld 7' in 17½ hrs. Torque has incr. from 4 rounds to 10½ rounds in last 24 hrs. Drlg wt 10M#; RPM 540.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/13/80 347 days. Drlg at 16,705', MW 8.9; vis 57; WL 9.5, pH 10. Pld Bit #90 at 16,705'. Bit drld 7' in 18 hrs. Out of gauge 1/64, diamonds flat. Re-ran bit #89 (6" Christensen MD23MT,

s/n OW3888) in at 16,705' Bit has drld 0' in ½ hr. Drlg wt 10M#, RPM 540. Torque has declined from 10½ rounds to 4 rounds.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/14/80 348 days. Rmg to btm w/mill #22 at 16,640'. TD 16,709'. Drld 4' in 7½ hrs. MW 8.8; vis 66; WL 9.2; pH 10.2. Pld bit #89 at 16,709'. Bit drld 4' in 8 hrs. 1/64 out of gauge, in good shape. Encountered tight hole 10' off btm. Ran mill #22(6" Acme flat btm) PU 6-point, TIH. Rmd 120'. Now rmg at 16,640'.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/15/80 349 days. Circ & cond hole at 16,709'. MW 8.9; vis 56, WL 7.2, pH 10.2. Mill #22 on btm circ at 16,709'. Rmd from 16,640'. Rmd tight spot at 16,700'. Drpd WL, now prep POH pick up core bbl.
11/16/80 350 days. TD 16,709'. Rmg to btm with core bbl. MW 8.8, vis 66, WL 6.9, pH 10.1. POH w/mill #22. PU core bit #1 (6" Christensen MC33, s/n OW3317). Now TIH w/core bbl.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/17/80 351 days. TD 16,715'. Cored 6' in 4½ hrs. TIH w/overshot. MW 8.8; vis 64; WL 6.9; pH 10.2. TIH w/core-barrel and core bit #1 in at 16,709', bit cored 6' in 4½ hrs. Left btm section of core bbl in hole. PU 5-3/4" Bowen OS, dressed w/4-3/4 grapples, TIH, now attempting to engage fish.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/18/80 352 days. Drlg at 16,718'. Drld 3' in 4½ Hrs. MW 8.9; vis 61; WL 6.8, pH 10. Engaged fish, POH, laid down same, ran bit #RR90(6" Christensen MD23NT,s/n OW3948) in at 16,715'. Bit has drld 3' in 4½ hrs. Drlg Wt 32M#; RPM 35.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/19/80 353 days. Drlg Nugg sd at 16,737'. Drld 19' in 21½ hrs. MW 8.9; vis 63; WL 6.9; pH 10.1. Bit #RR90 has drld 22' in 26 hrs. Drlg wt 32M#; RPM 35.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/20/80 354 days. TD 16,737'. Rmg to btm w/mill #23. MW 8.8; vis 55; WL 7.2; pH 10.3. Pld bit #RR90, bit drld 22' in 26 hrs, worn out, out of guage ½". Ran JB & mill #23 (6" Acme, s/n 23205) Now rmg on btm.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/21/80 355 days. Rmg to btm w/bit #91. TD 16,737'. MW 8.8, vis 52; WL 6.9; pH 10.3. Survey: 15½' at 16,733. Rmd to btm w/mill #23, in at 16,737'. Rmd 7' in 16½ hrs. POH, mill out of gauge ½", PU 6-point, string reamer & bit #91 (6" ACC Hognose FD, s/n 17884) now wshg to btm.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/22/80 356 days. Rmg to btm w/bit #RR 89 at 16,737'. MW 8.9; vis 57; WL 6.7; pH 10.2. Fin rmg to btm w/bit #91, in at 16,737', out at 16,737'. Bit drlg 0' in 7 hrs. 1/32 out of gauge. Had flat spot on nose of bit. Ran bit #RR89 (6" Christensen MD23NP, s/n OW 3888) Now TIH.

11/23/80 357 days. Trip. in hole w/bit bit #RR89 Nava-dril at 16,761'. Drld 24' of Nugg sd in 13½ hrs. MW 8.9; vis 50; WL 7.5; pH 10.3. Pld bit #RR89 at 16,761'. Bit drld 24' in 13½ hrs. Nava-dril failed. P" new Nava-dril, now TIH w/bit #RR89.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/24/80 358 days. Drlg Nugg ss at 16,780'. Drld 19' in 17½ hrs. MW 8.9; vis 53; WL 6.9; pH 10.5. Bit #RR89 has drld 43' in 30-3/4 hrs. Drlg wt 10M#; RPM 540.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/25/80 359 days. Logging w/Schlumberger at 16,795'. Drld 15' of Nugg ss in 9 hrs. MW 8.9; vis 65; WL 6.7; pH 10.6. Pld bit #RR89 at 16,795' for electric logs. Bit drld 58' in 40 hrs. Now logging w/Schlumberger.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp

11/26/80 360 days. Logging w/Schlumberger. MW 9; vis 55; WL 6; pH 10.5. Ran Sonic Gamma Ray, Dual Laterolog. Gamma Ray, FDC, CNL, & Dipmeter. Now rng velocity surveys. Will re-run dipmeter. Logs were run from 16,769-15,815'. BHT 22[illegible]. Now logging w/Schlumberger.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

11/27/80 361 days. Corrected TD 16,765'. TIH w/DST #7. Fin. logging w/Schlumberger, rep master clutch on dwks, PU test tools, now TIH w/DST #7.

11/28/80 362 days. TD 16,765'. WOO. Ran DST #7 - Nugg ss from 16,710-16761'. Ran 3000' wtr cushion. Tool open 60 min,w/very weak blow, dead in 28 min. SI 60 min. Pld to rec 2' of drlg mud. Bomb depth 16,690'. BHT 250°, IH 7162, IF 267, FF 229, FSI 229, FH 7087. Smplr cap 2100 cc, Rec at 50 psi 50 cc of drlg mud. Res. 1.1 at 72°. Pit smpl 2.5 at 70°. Now WOO.

11/29/80 363 days. TD 16,765' LDDP. MW 8.9; vis 58; WL 9; pH 10.5. LD test tools, LD BHA, TIH, open-ended, circ, WOO. Set plugs as follows: 25 sx class G from 16,765-16,600'; 15 sx from 15,875-15-775'; 20 sx from 12,850-12,750'; 20 sx from 10,100-10,000'; 40 sx from 8000-7800'; 75 sx from 5250-5000'; 20 sx from 826-726'; 18 sx at surface. Annulus would not take cmt. Now LDDP.

11/30/80 364 days. TD 16,765'. PBD surface. Fin LDDP, stripped BOP, now cleaning pits.

EDEN STATE 2-41
(16,800 Nugg-WC)
Rich Co., Utah
Eden Canyon Prosp.

12/1/80 365 days. Fin. cleaning pits. Set out BOP, released rig at 8:00 pm 11/30/80. DRPD FROM REPORT.

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML 31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER P&A

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co. of New Mexico

8. FARM OR LEASE NAME: Eden State

3. ADDRESS OF OPERATOR: 707 United Bank Tower, 1700 Broadway, Denver, CO 80290

9. WELL NO.: 2-41

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 763' FNL, 565' FEL, Section 2

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 2, T14N-R6E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7052 GR

12. COUNTY OR PARISH: Rich

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	XX *	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	XX
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

*Verbal approval to plug well received from Mr. Mike Minder 11/29/80.

TD 16,765'
13 3/8" 54½ ± csg @1029'
9 5/8" 40 & 43# csg @7900 w/1190 sx
7" 32# liner @15,823/hanger 7670-1450 sx

Plugged well as follows:

16675-16600 - 25 sx
15875-15775 - 15 sx
12850-12750 - 20 sx
10100-10000 - 20 sx
8000-7800 - 40 sx
5250-5000 - 75 sx
826-726 - 20 sx
Surface - 18 sx

RECEIVED
DEC 10 1980
DIVISION OF
OIL, GAS & MINING

Installed abandonment marker, P&A complete 11/30/80.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Division Operations Manager DATE 12/4/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form DOGC-4

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No.
Federal Lease No. U-8895-A
Indian Lease No.
Fee & Pat.

DIVISION OF OIL, GAS & MINING

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of: December, 19 80.

Agent's Address P. O. Box 3280
Casper, Wyoming 82602

Phone No. (307) 265-7331

Company ENERGY RESERVES GROUP, INC.
Signed
Title Production Clerk

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
Sec. 21 NW NE	6S	5W	21-1							P & A on 12-10-80

CORE ANALYSIS RESULTS FOR

AMERICAN QUASAR PETROLEUM CO.

EDEN STATE NO. 2-41

WILDCAT

RICH COUNTY, UTAH

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

AMERICAN QUASAR PET. CO.
EDEN STATE NO. 2-41
WILDCAT
RICH COUNTY, UTAH

DATE : NOV-18-80
FORMATION : NUGGET
DRLG. FLUID: LSND
LOCATION : NE NE SEC 2-T14N-R6E

FILE NO : RP-4-5887
ANALYSTS : BERNDT
ELEVATION: 7080 KB

CONVENTIONAL CORE ANALYSIS

SAMPLE NUMBER	DEPTH	PERM Ka MAXIMUM	POR. FLD	FLUID SATS. OIL	FLUID SATS. WTR	DESCRIPTION
1	16709.0-10.0	<0.01	0.9	0.0	47.8	SS, RED F-MG
2	16710.0-11.0	<0.01	1.0	0.0	41.0	SS, RED F-MG
3	16711.0-12.0	<0.01	1.0	0.0	21.1	SS, RED F-MG
4	16712.0-13.0	<0.01	1.1	0.0	19.4	SS, RED F-MG
5	16713.0-14.0	0.01	1.5	0.0	41.3	SS, RED F-MG HF
6	16714.0-15.0	0.01	1.1	0.0	54.6	SS, RED F-MG

April 1, 1981

American Quasar Petroleum Co.
707 United Bank Tower
1700 Broadway,
Denver, Colorado 80290

Re: Well No. 24-34
Sec. 24, T. 2N. R. 6E.
Summit County, Utah

Well No. 2-41
Sec. 2, T. 14N. R. 6E.
Rich County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

SANDY BATES
CLERK-TYPIST

Form OGC-3

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: ML 31013

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Eden State

9. WELL NO.: 2-41

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 2, T14N-R6E

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other P&A

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: American Quasar Petroleum Co. of New Mexico

3. ADDRESS OF OPERATOR: 1700 Broadway 707 United Bank Tower, Denver, Colorado 80290

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 763' FNL, 565' FEL, Sec. 2 NE NE
At top prod. interval reported below
At total depth

14. PERMIT NO.: 43-033-30024 | DATE ISSUED: 10/23/79

12. COUNTY OR PARISH: Rich | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12/3/79	11/23/80	P&A 11-30-80	7080 KB 7052 GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
16,765			→	0-16,765	None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
P&A

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR-Sonic, DLL, GR, FDC, CNL, Dipmeter

27. WAS WELL CORED: Yes

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54½#	1029	17½"	To surface	0
9 5/8"	40 & 43#	7900	12¼"	1190 sx	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7"	17670	15823	1450	--

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
--	--	--

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

RECEIVED
APR 10 1981
DIVISION OF OIL, GAS & MINING

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED [signature] TITLE Division Operations Manager DATE 4/7/81

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DST #1 Thaynes	4175	4365	Open 150 min, SI 300 min, IFP 79, FFP 276 ISIP 1530, IHP 1830, rec 570' drlg mud.
DST #2 Phosphoria	7990	8193	Open 90, SI 120, IFP 258/298, FFP 1500/ 1553, FSIP 2786/2830, rec 220' WC, 500' WCM, 3008' Sulphur wtr.
DST #3 Misrun			
DST #4 Weber	10366	10566	Open 90, SI 180, IFP 275/258, FFP 1114/ 1111, FSIP 3800/3807, IHP 4798, rec 400' WC, 639' WCM, 1500' Sulphur wtr.
DST #5 OT Thaynes	13450	13500	Open 60, SI 120, IFP 1565/1578, FFP 1575/ 1597, IHP 6565, FSIP 2746/2755, lost rec on trip out
DST #6 OT Thaynes	13515	13693	Open 75, SI 60, IFP 1583/1575, FFP 1583/ 1595, IHP 6478, FSIP 2297/2270, rec 3556' WC.
DST #7 Nugget	16710	16765	Open 60, SI 60, IFP 267, FFP 229, FSIP 229, IHP 7162, rec 2' drlg mud.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Nugget	650	
Nugget	900	
OT Nugget	15707 & 16707	
Thaynes	5700	
OT Thaynes	12650	
Phosphoria	6800	
OT Phosphoria	10770	
Weber	7300-8440	
OT Weber	10230	
OT Ankareh	14680	

MAY 1, 1981

American Quasar Petroleum
1700 Broadway, 707 United Bnk Tower
Denver, Colo. 80290

RE: Well NO. Eden State #2-41
Sec. 2, T. 14N, R. 6E,
Rich County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 4-7-81, from above referred to well indicates the following electric logs were run: GR-SONIC, DLL, GR, FDC, CNL, DIPMETER. As of todays date this office has not received these logs: DIPMETER.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure requires that a well log shall be filed with the commision together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreicated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard

DEBBIE BEAUREGARD
WELL RECORDS CLERK